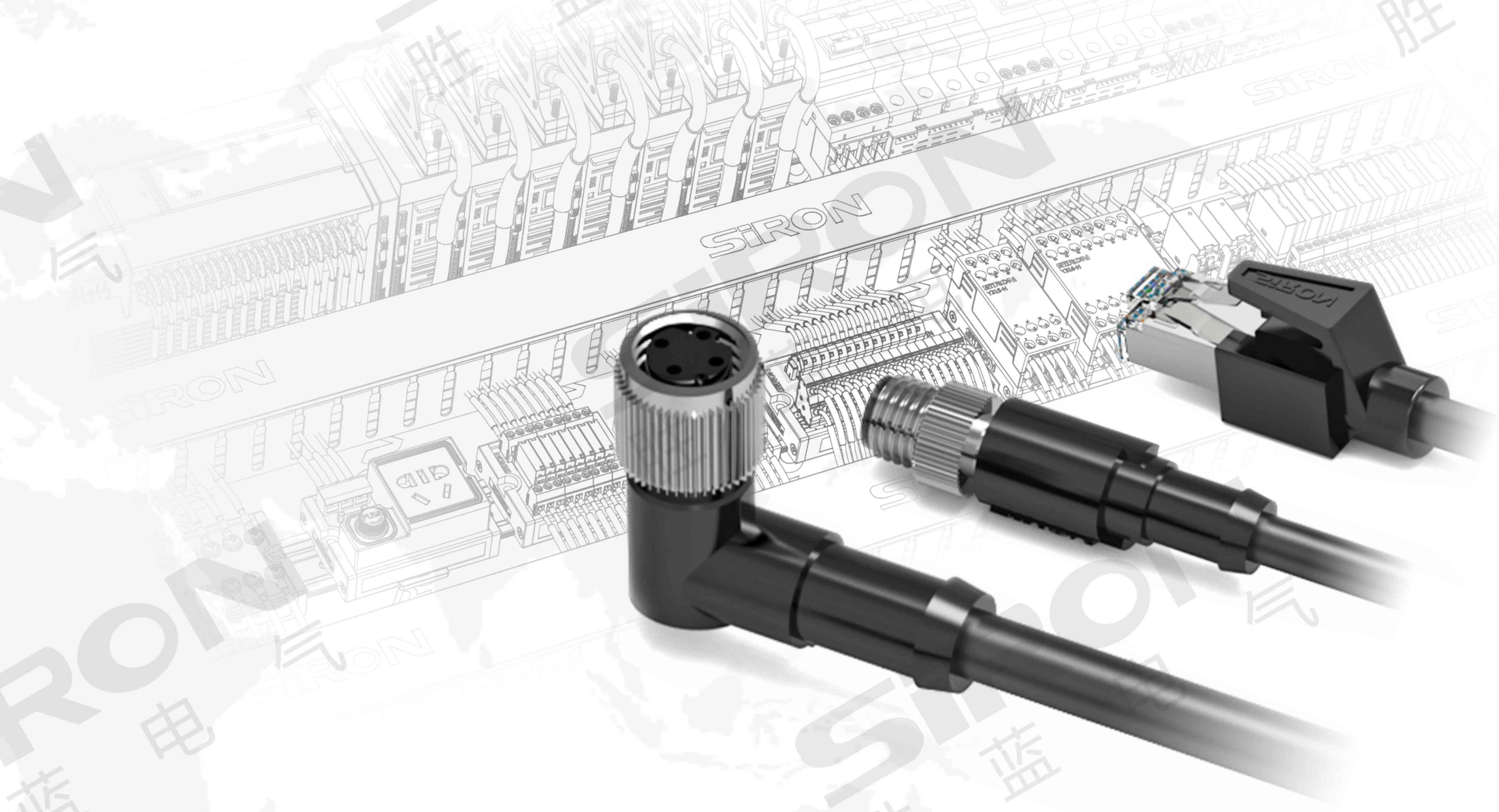
SiRON

2025 03
工业连接系统

工業綫束系列

INDUSTRIAL HARNESS SERIES



深圳胜蓝电气有限公司
SHENZHEN SIRON ELECTRICAL CO.,LTD

企业简介

COMPANY PROFILE

永续创新　恒久经营

Endless innovation everlasting operation

胜蓝电气是江蓝机器集团下一家集研发、设计、生产和销售为一体的多元化电气控制元器件国家高新技术企业，致力于为生产制造业提供最具竞争力的产品和服务。
我们秉承 “永续创新，恒久经营＂为理念，以稳定可信赖的产品品质为基础，专业的服务意识为后盾，沿着"高技术""高品质""高效率”的方向稳步前进。

SiRON Electrical is a national high-tech enterprise integrating research and development, design, production and sales of diversified electrical control components in SiRON Machinery Group.
We adhere to the concept of "Endless innovation,everlasting operation", based on stable and reliable product quality, backed by professional service awareness, and steadily move forward along the
direction of "high-tech", "high quality" and "high effciency".















工业线束选型索引

以太网线
Ethernet cable
P.002





I/O预铸连接线
I/O pre-cast cables
P.012



相机线
Camera cable
P.028



PLC对应电缆线
PLC corresponds to cable
P.032



伺服对应电缆线
Servo corresponding cable
P.066



各类纯线材
Various types of pure wires
P.102

辅助连接器
Auxiliary connector
P.106



目录

以太网线 イーサネットケーブル Ethernet cable

信号控制线系列 サーボドライブ信号制御ケーブル Signal Control Wire Series

X140-2

CAT 5e:整体屏蔽(≥85%)
CAT 5e: Overall shielding (≥85%)



以太网线
イーサネットケーブル
Ethernet cable

P 002

X140-2T05

CAT 5e:整体屏蔽(≥85%) CAT 5e: Overall shielding (≥85%)
拖链次数:500万次 Number of e-chains®: 5,000,000 cycles



以太网线
イーサネットケーブル
Ethernet cable

P 002

X140-2T10

CAT 5e:整体屏蔽(≥85%) CAT 5e: Overall shielding (≥85%)
拖链次数:1000万次 Number of e-chains®: 10,000,000 cycles



以太网线
イーサネットケーブル
Ethernet cable

P 002

X140-2A/X140-3

CAT 6A:双绞芯线单独屏蔽(≥100%)/整体屏蔽(≥40%)/(≥85%)
CAT 6A: Twisted pair wires are individually shielded (≥ 100%) / Overall Shielding (≥40%) / (≥85%)



以太网线
イーサネットケーブル
Ethernet cable

P 002

X140-4

CAT 7:双绞芯线单独屏蔽 (≥ 100%)/整体屏蔽(≥85%)
CAT 7: Twisted pair wires are individually shielded (≥ 100%) / Overall Shielding (≥85%)



以太网线
イーサネットケーブル
Ethernet cable

P 002

X235-2

CAT 5e:整体屏蔽(≥85%)
CAT 5e: Overall Shielding (≥85%)



以太网线
イーサネットケーブル
Ethernet cable

P 004

X235-2T05

CAT 5e:整体屏蔽(≥85%) CAT 5e: Overall shielding (≥85%)
拖链次数:500万次 Number of e-chains®: 5,000,000 cycles



以太网线
イーサネットケーブル
Ethernet cable

P 004

X235-2T10

CAT 5e:整体屏蔽(≥85%) CAT 5e: Overall shielding (≥85%)
拖链次数:1000万次 Number of e-chains®: 10,000,000 cycles



以太网线
イーサネットケーブル
Ethernet cable

P 004

X235-2A

CAT 6A:双绞芯线单独屏蔽 (≥ 100%)/整体屏蔽(≥40%)
CAT 6A: Twisted pair wires are individually shielded (≥ 100%) / Overall Shielding (≥40%)



以太网线
イーサネットケーブル
Ethernet cable

P 006

X235-3

CAT 6A:双绞芯线单独屏蔽 (≥ 100%)/整体屏蔽(≥85%)
CAT 6A: Twisted pair wires are individually shielded (≥ 100%) / Overall Shielding (≥85%)



以太网线
イーサネットケーブル
Ethernet cable

P 006

X235-3T10

CAT 6A:双绞芯线整体屏蔽(≥85%)
CAT 6A: Twisted Pair Wire Integral Shielding (≥85%)
拖链次数:1000万次 Number of e-chains®: 10,000,000 cycles



以太网线
イーサネットケーブル
Ethernet cable

P 006

X235-4

CAT 7:双绞芯线单独屏蔽 (≥ 100%)/整体屏蔽(≥85%)
CAT 7: Twisted pair wires are individually shielded (≥ 100%) / Overall Shielding (≥85%)



以太网线
イーサネットケーブル
Ethernet cable

P 006

X235-283S

CAT 5e上弯直角型
CAT 5e upbend right-angle type



GigE 以太网连接线
GigEイーサネット接続ケーブル
GigE Ethernet Connection Cable

P 008

X235-284S

CAT 5e下弯直角型
CAT 5e down-curved right-angle type



GigE 以太网连接线
GigEイーサネット接続ケーブル
GigE Ethernet Connection Cable

P 008

X235-287S

CAT 5e右弯型转左弯
CAT 5e right bend type turns left bend



GigE 以太网连接线
GigEイーサネット接続ケーブル
GigE Ethernet Connection Cable

P 008

X235-288S

CAT 5e直型带螺丝
CAT 5e straight with screws



GigE 以太网连接线
GigEイーサネット接続ケーブル
GigE Ethernet Connection Cable

P 008

I/O预铸连接线
I/Oプレキャスト接続ライン
I/O Connection cable

I/O预铸连接线系列 I / 0プレキャストケーブルシリーズ I/O precast cable series

X236-03A1/X236-03A3
M8 插针型 M8 pin type



M8 I/O预铸连接线
M8 I/Oプレキャスト接続ライン
M8 I/O Connection cable
P 012

X236-03A5/X236-04A8
M8 插针型 M8 pin type



M8 I/O预铸连接线
M8 I/Oプレキャスト接続ライン
M8 I/O Connection cable
P 012

X236-03AA/X236-03AB
M8 插孔型 M8 jack type



M8 I/O预铸连接线
M8 I/Oプレキャスト接続ライン
M8 I/O Connection cable
P 014

X236-03AC/X236-04AD
M8 插孔型 M8 jack type



M8 I/O预铸连接线
M8 I/Oプレキャスト接続ライン
M8 I/O Connection cable
P 014

X236-03A2/X236-03A6
M8 插针插孔互转型 The M8 pin jacks are interchangeable



M8 I/O预铸连接线
M8 I/Oプレキャスト接続ライン
M8 I/O Connection cable
P 016

X236-03A4/X236-04D2
M8 插针插孔互转型 The M8 pin jacks are interchangeable



M8 I/O预铸连接线
M8 I/Oプレキャスト接続ライン
M8 I/O Connection cable
P 016

X236-04AFS/X236-04AGS
M8 插针插孔转RJ45型 M8 pin jack to RJ45 type



M8 I/O预铸连接线
M8 I/Oプレキャスト接続ライン
M8 I/O Connection cable
P 018

X236-04AHS/X236-04AJS
M8 插针插孔转RJ45型 M8 pin jack to RJ45 type



M8 I/O预铸连接线
M8 I/Oプレキャスト接続ライン
M8 I/O Connection cable
P 018

X237-04A1/X237-04A3
M12 插针型 M12 pin type



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Precast Cable Series
P 020

X237-04A5/X237-08X1S
M12 插针型 M12 pin type



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Precast Cable Series
P 020

X237-04AA/X237-04AB
M12 插孔型 M12 jack type



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Precast Cable Series
P 022

X237-04AC/X237-08XAS
M12 插孔型 M12 jack type



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Precast Cable Series
P 022

X237-04A2
M12 插针插孔互转型 The M12 pin jacks are interchangeable



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Connection cable
P 024

X237-04A6
M12 插针插孔互转型 The M12 pin jacks are interchangeable



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Connection cable
P 024

X237-04A4
M12 插针插孔互转型 The M12 pin jacks are interchangeable



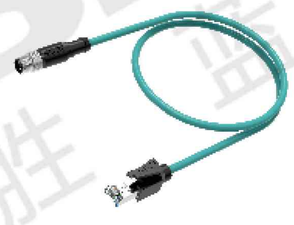
M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Connection cable
P 024

X237-08X2S
M12 插针插孔互转型 The M12 pin jacks are interchangeable



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Connection cable
P 024

X237-04AFS
M12 插针插孔转RJ45型 M12 pin jack to RJ45 type



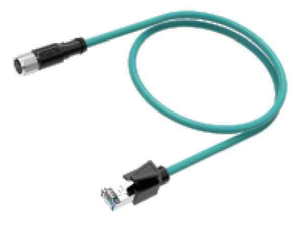
M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Connection cable
P 026

X237-04AGS
M12 插针插孔转RJ45型 M12 pin jack to RJ45 type



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Connection cable
P 026

X237-04AHS
M12 插针插孔转RJ45型 M12 pin jack to RJ45 type



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Connection cable
P 026

X237-04AJS
M12 插针插孔转RJ45型 M12 pin jack to RJ45 type



M12 I/O预铸连接线
M12 I/Oプレキャスト接続ライン
M12 I/O Connection cable
P 026

目录

相机线 カメラライン Camera line

I/O工业相机连接线系列 I/0産業用カメラケーブルシリーズ I/O industrial camera cable series

X239 系列

6/8/12芯



I/O工业相机连接线系列
I/0産業用カメラケーブルシリーズ
I/O industrial camera cable series
P 028

MIL电缆线 MILケーブル MIL cable

X210-1/1T

10P MIL



MIL电缆线
MILケーブル
MIL cable
P 036

X210-2/2T

20P MIL



MIL电缆线
MILケーブル
MIL cable
P 036

X210-3/3T/4/4T

34P MIL/40P MIL



MIL电缆线
MILケーブル
MIL cable
P 036

X210-6

50P MIL



MIL电缆线
MILケーブル
MIL cable
P 036

X210-5/8

40P FCN转MIL



40P FCN转MIL电缆线
40P FCN変わるMILケーブル
Convert 40p fcn to mil cable
P 038

KEYENCE系列对应电缆线 KEYENCE シリーズケーブル KEYENCE series corresponds to cable

X211-1/X211-2

CN1:34P MIL-CN2:40P/MIL



KEYENCE KV系列电缆线
KEYENCE KVシリーズケーブル
Cable corresponding to KEYENCE KV series
P 039

X211-4/5/6/7/8

CN1:26P/34P MIL-CN2A/B:10P/20P MIL



KEYENCE KL系列电缆线
KEYENCE KLシリーズケーブル
Cable corresponding to KEYENCE KL series
P 040

欧姆龙系列对应电缆线 オムロンシリーズに対応ケーブル Omron series corresponding cable

X215 系列

CN1:20/24/40P MIL/FCN-CN2:20/40P MIL



欧姆龙CJ1系列对应电缆线
オムロンCJ1シリーズに対応ケーブル
Omron CJ1 series corresponding cable
P 046

西门子系列对应电缆线 SIEMENSシリーズに対応しているケーブル Siemens series corresponding cable

X218 系列

CN1:20/40P SIEMENS-CN2:20/40P MIL



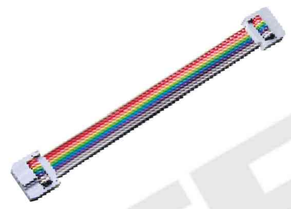
西门子系列对应电缆线
SIEMENSシリーズに対応しているケーブル
Siemens series corresponding cable
P 052

PLC对应电缆线 PLCシリーズ対応ケーブルです PLC corresponds to cable

彩排线 フラットケーブル Ribbon Cable

X200-1

10P MIL



彩排线
フラットケーブル
Ribbon Cable
P 032

X200-2

20P MIL

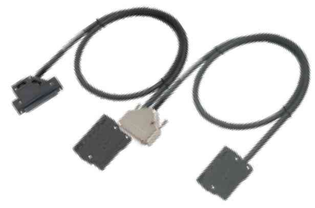


彩排线
フラットケーブル
Ribbon Cable
P 032

三菱Q/FX系列对应电缆线 三菱Q/FXシリーズ対応ケーブルです Mitsubishi Q/FX series of corresponding cable

X212 系列

CN1:40P FCN/37P D-sub-CN2:40P MIL



三菱Q系列对应电缆线
三菱Qシリーズに対応しているケーブル
Cable corresponding to Mitsubishi Q series
P 042

X213 系列

CN1:20P MIL-CN2:20/40P MIL



三菱FX系列对应电缆线
三菱FXシリーズに対応ケーブル
Cable corresponding to Mitsubishi FX series
P 044

松下系列对应电缆线 シリーズに対応ケーブル Cable corresponding to Panasonic series

X216 系列

CN1:10P MIL-CN2:10/20P MIL



松下FP0R/FPΣ系列对应电缆线
松下FP0R/FPΣシリーズに対応ケーブル
Cable corresponding to Panasonic FP0R/FPΣ series
P 048

X217 系列

CN1:40P MIL-CN2:40P MIL



松下FP2/FPΣ系列对应电缆线
松下FP2/FPΣシリーズに対応ケーブル
Cable corresponding to Panasonic FP2/FPΣ series
P 050

横河系列对应电缆线 横河シリーズに対応ケーブル Cable corresponding to Yokogawa

X219 系列

CN1:40/48P FCN-CN2:20/40P MIL



横河PLC系列对应电缆线
横河PLCシリーズに対応ケーブル
Cable corresponding to Yokogawa PLC
P 054

其它品牌系列对应电缆线 その他ブランド対応ケーブル Other brands corresponding cable series

X21A 系列
CN1:40P FCN-CN2:40P MIL



KOYO系列对应电缆线
KOYOｼﾘｰｽﾞに対応しているｹｰﾌﾞﾙ
Cable corresponding to KOYO series
P 056

X21B 系列
CN1:20P MIL-CN2:20P MIL



AB NX系列对应电缆线
AB NXｼﾘｰｽﾞに対応しているｹｰﾌﾞﾙ
Cable corresponding for AB NX series
P 058

X21C 系列
CN1:40P FCN/20P MIL-CN2:40/20P MIL



施耐德系列对应电缆线
シュナイダーシステム対応ケーブル
Corresponding Schneider Series Cable
P 059

X21E 系列
CN1:40P MIL-CN2:40P MIL



台达PLC对应电缆线
デルタPLCに対応
Corresponding to Delta PLC
P 060

X21F 系列
CN1:40/36/18P -CN2:40/20P MIL



汇川PLC对应电缆线
彙川PLC対応
Inovance PLC corresponding
P 062

伺服对应电缆线 サーボ対応ケーブル Servo corresponding cable

通用系列电缆线 コモンケーブル Universal Series Cables

X220 系列
CN1/CN2:50/36/26/20/14P MDR/MIL



MDR电缆线
MDRケーブル
MDR cable
P 066

专用系列电缆线 専用ケーブル Specific Series Cables

X221 系列
CN1:50/26P MDR-CN2:10/20P MIL



三菱J3/ES系列伺服信号控制线
三菱J3/ESｼﾘｰｽﾞ サーボの信号コントロールケーブル
Servo control cable for Mitsubishi J3/ES series
P 068

X222 系列
CN1:50P MDR-CN2:10/20P MIL



松下A5/A6系列伺服信号控制线
松下A5/A6ｼﾘｰｽﾞ サーボの信号コントロールケーブル
Panasonic A5 / A6 series servo signal line
P 068

X223 系列
CN1:50P MDR-CN2:10/20P MIL



安川Σ-V系列伺服信号控制线
安川Σ-Vシリーズサーボ信号制御線
Servo control cable for YASAKAWA Σ-V series
P 068

X224
CN1:50P MDR-CN2:10P MIL



台达A/AB系列伺服信号控制线
台達A/AB系列サーボ信号コントロールケーブル
Servo control cable for Delta A/AB series
P 068

X225
CN1:50P MDR-CN2:10P MIL



三洋R/Q系列伺服信号控制线
三洋R/Qｼﾘｰｽﾞ サーボの信号コントロールケーブル
Servo control cable for Sanyo R/Q series
P 068

X226
CN1:26P MDR-CN2:10P MIL



富士FALDIC-W系列伺服信号控制线
富士FALDIC-Wサーボの信号コントロールケーブル
Servo control cable for Fuji FALDIC-W series
P 068

X227
CN1:50P MDR-CN2:10P MIL



AB CSD3系列伺服信号控制线
AB CSD3ｼﾘｰｽﾞ サーボの信号コントロールケーブル
Servo control cable for AB CSD3 series
P 068

D-SUB 电缆线 D-SUBケーブル D-SUB Cable

X230-1/X230-2
CN1:9/15P D-SUB-CN2:9/15P D-SUB



D-SUB二端公头电缆线
D−SUB両端凸ヘッドケーブル
D-SUB Two male cable
P 072

X230-3
CN1/CN2:25P D-SUB



D-SUB二端公头电缆线
D−SUB両端凸ヘッドケーブル
D-SUB Two male cable
P 072

X230-4
CN1/CN2:37P D-SUB



D-SUB二端公头电缆线
D−SUB両端凸ヘッドケーブル
D-SUB Two male cable
P 072

X230-5
CN1/CN2:44P D-SUB



D-SUB二端公头电缆线
D−SUB両端凸ヘッドケーブル
D-SUB Two male cable
P 072

X230-6
CN1/CN2:50P D-SUB



D-SUB二端公头电缆线
D−SUB両端凸ヘッドケーブル
D-SUB Two male cable
P 072

三菱伺服系列 三菱サーボシリーズ Mitsubishi servo series

X300
对应功率:100W~5000W



三菱J3/J4/ES/JE系列伺服电缆线
三菱J3/J4/ES/JEｼﾘｰｽﾞ用サーボケーブル
Servo cable for Mitsubishi J3/J4/ES/JE series
P 074

X300-10
对应功率:全功率



伺服光纤线
サーボ光ファイバ線です
Servo fiber cable
P 074

X300-10B
对应功率:全功率



伺服光纤线
サーボ光ファイバ線です
Servo fiber cable
P 074

X301
对应功率:100W~5000W



三菱J2系列伺服电缆线
三菱J2ｼﾘｰｽﾞ用サーボケーブル
Servo cable for Mitsubishi J2 series
P 076

目录

安川伺服系列 安川サーボシリーズ Yaskawa servo series

X310
对应功率:50W~5500W



安川Σ-V系列伺服电缆线
安川Σ-Vシリーズ用サーボケーブル
Servo cable for Yaskawa Σ-V series
P 078

松下伺服系列 パナソニックサーボシリーズ Panasonic servo series

X320
对应功率:50W~5000W



松下A4/A5/A6系列伺服电缆线
松下A4/A5/A6シリーズ用サーボケーブル
Servo cable for Panasonic A4/A5/A6 series
P 080

其他伺服电缆线系列 その他のサーボケーブルシリーズ Other servo cable series

X330
对应功率:50W~750W



台达A系列伺服电缆线
台达Aシリーズ用サーボケーブル
Servo Cable of Delta A Serials
P 083

X331
对应功率:50W~5500W



台达B/AB系列伺服电缆线
台达B/ABシリーズサーボケーブル
Servo Cable of Delta B/AB Serials
P 084

其他伺服电缆线系列 その他のサーボケーブルシリーズ Other servo cable series

X340
对应功率:50W~7500W



欧姆龙伺服电缆线
オムロン用サーボケーブル
Omron servo cable
P 088

X350
对应功率:400W~4400W



汇川伺服电缆线
彙川サーボ电ケーブル
Inovance servo cable
P 092

X352 系列
对应功率:50W~2000W



禾川伺服电缆线
禾川サーボケーブル
HCFA servo cable
P 094

X360 系列
对应功率:100W~5500W



西门子伺服电缆线
シーメンスサーボケーブル
Siemens servo cable
P 096

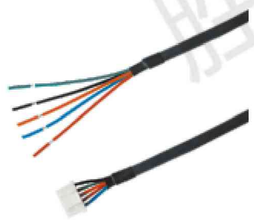
X370 系列
对应功率:50W~750W



富士伺服电缆线
富士サーボケーブル
Fuji servo cable
P 099

东方步进电机电缆线系列 東方CFKシリーズステッピングモーターケーブル Stepping motor cable for Oriental CFK series

X400
步进电源线/控制线/动力线



东方CFK系列步进电机电缆线
東方CFKシリーズステッピングモーターケーブル
Stepping motor cable for Oriental CFK series
P 100

X401
步进电源线/控制线/动力线



东方CRD系列步进电机电缆线
東方CRDシリーズステッピングモーターケーブル
Stepping motor cable for Oriental CRD series
P 100

X402
步进电源线/马达线

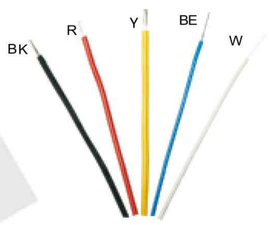


东方CMK系列步进电机电缆线
東方CMKシリーズステッピングモーターケーブル
Stepping motor cable for Oriental CMK series
P 100

各类纯线材 各種純線材 Various types of pure wires

UL电缆线 ULケーブル UL Cable

X020 系列
线规:AWG 9~28



UL单芯电子线
UL単心ケーブル
UL single core electronic wire
P 102

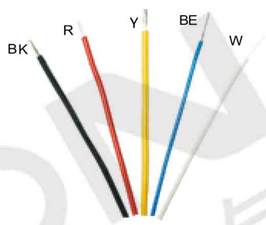
X021 系列
种类:多芯普通线/屏蔽线/双绞线/双绞屏蔽线



UL多芯电缆线
ULマルチコアケーブル
UL multi-core cable
P 103

电缆线 ケーブル Cable

X023 系列
截面积:0.1~30mm²



国标单芯电子线
こくひょう単心電子線
National standard single core electronic wire
P 104

X024 系列
种类:多芯普通线/屏蔽线/双绞线/双绞屏蔽线



国标多芯电缆线
こくひょうマルチコアケーブル
National standard multi-core cable
P 105

辅助连接器 ほじょコネクタ Auxiliary connector

连接器 コネクター Connector

X800 系列
10/20/34/40P



MIL连接器
MILコネクタ
MIL Connector
P 106

X805
10/20/34/40P



IDC连接器
IDCコネクタ
IDC Connector
P 108

X810 系列
40P



FCN连接器
FCN コネクタ
FCN Connector
P 110

X820 系列
9/15/25P



D-sub连接器
D-subコネクタ
D-sub Connector
P 112

X833 系列
14/20/26/36/50P



IEEE1284 MDR连接器
IEEE1284 MDRコネクタ
IEEE1284MDR connector
P 114

X850 系列
18/36P

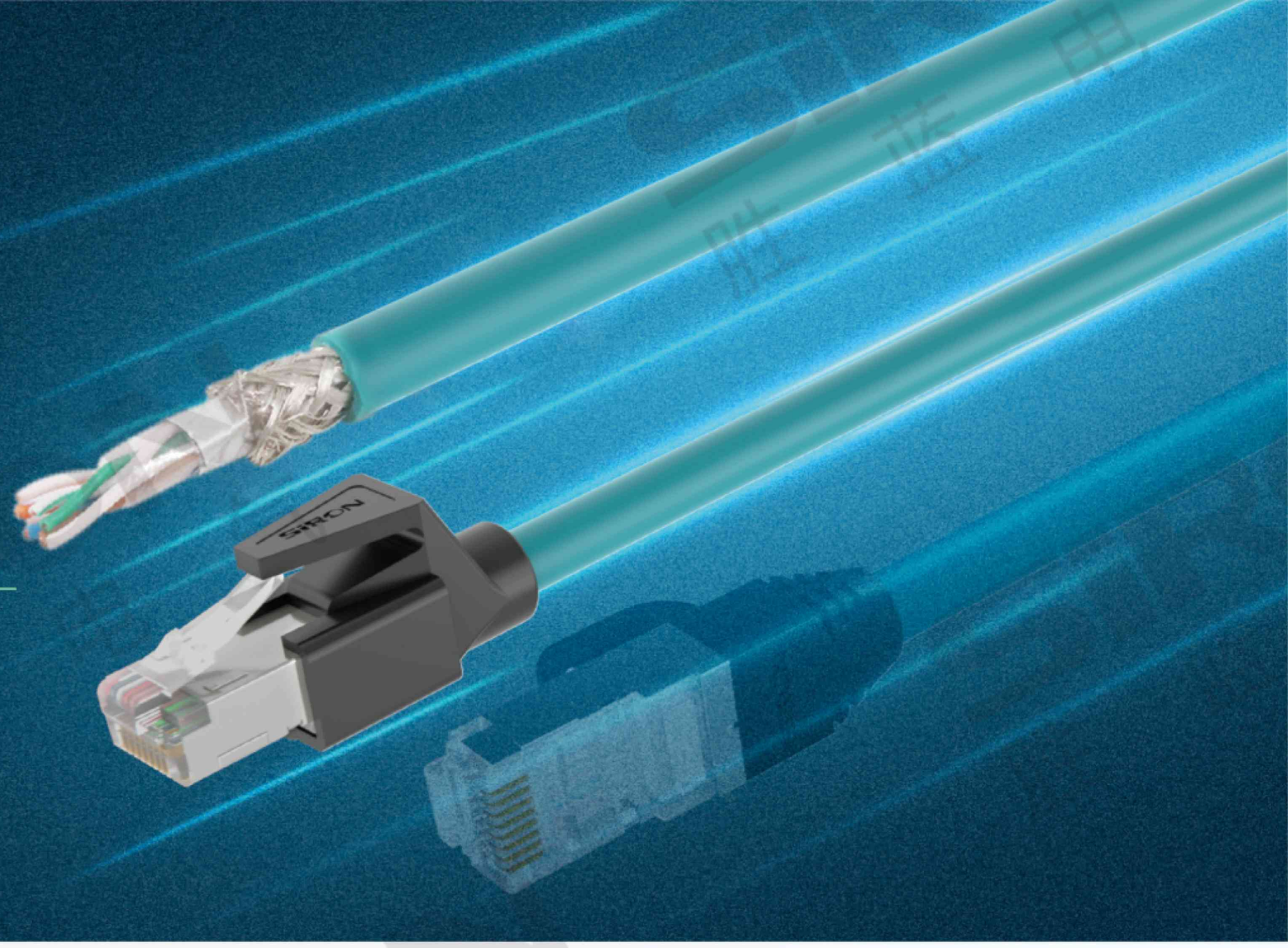


汇川模块连接器
彙川モジュールコネクタです
Inovance module connector
P 116

以太网线
Ethernet cable

工业级·网线
Industrial grade•Cable

设备通讯稳定有保障
Stable and guaranteed device communication



以太网线 Ethernet cable

以太网线通常包含四对双绞线，每对双绞线都包裹有绝缘材料，并整体包裹有护套。根据传输性能的不同，以太网线可以分为多种类型，如超五类、六类、超六类、七类等。

Ethernet cables typically consist of four pairs of twisted pair cables, each pair of which is wrapped with insulation material and overall wrapped with a protective sheath. Ethernet cables can be classified into various types based on their transmission performance, such as Cat5e, Cat6, Cat6A, Cat7, etc.

超五类 Cat5e

支持最高1Gbps的传输速率，适用于100Mbps的网络。

It supports a transmission rate of up to 1Gbps and is suitable for 100Mbps networks.

六类 Cat6

支持最高1Gbps的传输速率，适用于千兆网络。

It supports a transmission rate of up to 1Gbps and is suitable for gigabit networks.

超六类 Cat6A

支持最高10Gbps的传输速率，适用于高速网络和长距离传输。

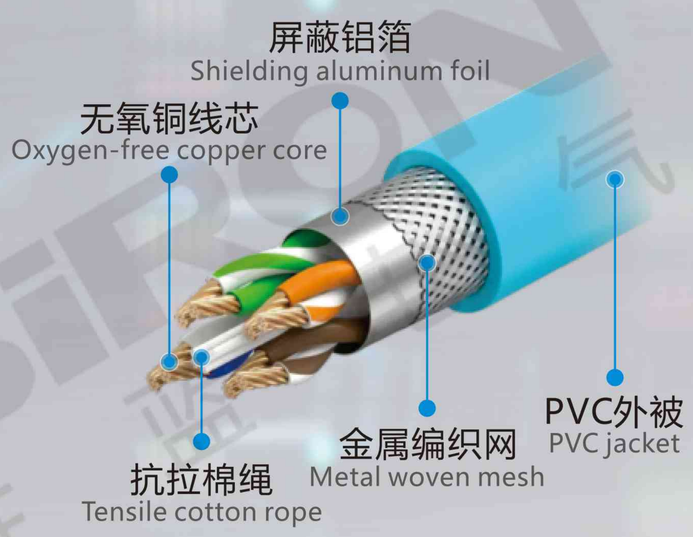
It supports transmission rates up to 10Gbps, which is suitable for high-speed networks and long-distance transmission.

七类 Cat7

支持更高的传输速率和带宽，适用于需要更高性能的网络环境。

It supports higher transfer rates and bandwidths for network environments that require higher performance.

●双层屏蔽 传输稳定
Double layer shielding ensures stable transmission



●耐氧化防生锈久用如新
Oxidation-resistant, rust-resistant, long-term use as new



●百兆传输 上网无延迟
100 Gigabit Transfer, no delay in Internet access



PVC

PUR

HDPE

发泡 PE

镀金 插针

抗燃 特性

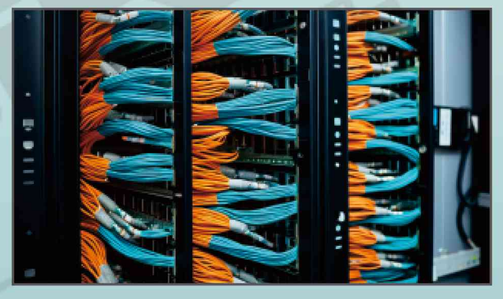
以太网线
X140系列

イーサネットケーブル
Ethernet cable



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



X140-2　X140-2T05　X140-2T10　X140-2A/ X140-3　X140-4

5类　6类　7类　镀金插针　PVC　PUR　HDPE

特点 Features

* 用于Ethernet数据传输的特性阻抗为100ohm的电缆；
* 26AWG/7 多股裸铜导体；
* 发泡PE，HDPE绝缘，PVC/PUR护套；
* 超五类/超六类/七类/屏蔽工业网线；
* 线材规格有UL，CE国标需要时注明。

* Ethernetデータ転送用の特性インピーダンスが100 ohmのケーブル;
* 26AWG / 7より線裸銅導体;
* 発泡PE、HDPE絶縁、PVC/PURシース;
* 超五類/超六類/七類/シールド工業網線;
* 線材規格にULがあり、CE国標が必要な場合は明記する.

* A cable with a characteristic impedance of 100 ohms for Ethernet data transmission;
* 26AWG/7 stranded bare copper conductor;
* Foam PE, HDPE insulation, PVC/PUR sheath;
* Super Category 5/Super Category 6/Category 7/Shielded Industrial Ethernet Cable;
* The wire specifications have UL and CE standards, which should be indicated when necessary.

订货范例

X140 — **2** — **100**

- **X140**：以太网线 Ethernet cable
- **2**：序号 Serial number
- **100**：长度 Length(m)

注意：以上为标准型号。如需使用拖链线材，请在型号后加“T”,详情请咨询相关销售人员。
Notice: The above is standard cable model. f you want to usethe chain wire, Please sign "T" after the model.Please contact sales for more details.

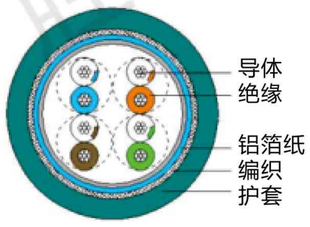
T05:05表示拖链次数为500万次；T10:10表示拖链次数为1000万次。
T05:05 means that the number of drag chain is 5 million times; T10:10 means that the number of drag chains is 10 million.

缆线规格 Cable specification

型号 Model	X140-2	X140-2A	X140-3	X140-4
类型 Types	超五类/屏蔽(≥85%)	超六类/屏蔽(≥40%)	超六类/屏蔽(≥85%)	七类:单独/整体屏蔽(≥85%)
导体电阻 Conductor resistance	≤148Ω/km	≤14.8ohm/100m		
绝缘电阻 Insulation resistance	≥5000MΩ•km	/		
电阻不平衡 Resistance unbalance	≤2%	/		
电容不平衡 Capacitance unbalance	≤160pF/100m	/		
工作温度 Min bending radius	-20℃～75℃	-20℃～80℃		
安装温度 UV resistance	-20℃～55℃	-20℃～60℃		
阻燃 Flame resistance	FT2，IEC 60332-1-2，VW-1	VW-1,CM		
额定电压 Rated voltage	≤30V	≤30V		
测试电压 Test voltage	300V	300V		
适配端头 Adapter end	带金属屏蔽的外壳，镀金插针	带金属屏蔽外壳，镀金插针		
绝缘强度 Dielectric strength	DC1KV for 1min	/		
额定电容@1KHz Nom.Mutual Capacitance	≤5.6nF/100m	/		
最小弯曲半径 Operating temperature	固定的:4D(电缆直径)/拖链的:8D	/		
特性阻抗 Characteristic impedance	100±15 ohm	100±15 ohm		
护套特征 Jacket characteristic	/	≥13.8MPa		
拉伸强度(老化前) Tensile strength(before aging)				
伸长率(老化前) Elongation(before aging)	/	≥100%		
抗拉强度(老化后100℃×240h) Tensile strength(after aging100℃×240h)	/	未老化最小保留 85%		
伸长率(老化后100℃×240h) Elongation(after aging100℃×240h)	/	未老化最小保留 85%		
热冲击 Heat shock	/	85℃×1h，变形≤50%(UL44)		
冷弯试验(-40℃×4h) Cold bend test(-40℃×4h)	/	8×OD.,No cracks		

结构图 Structure chart

X140-2

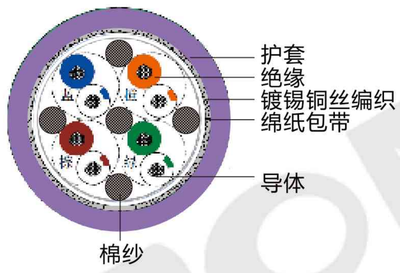


导体 7×0.16mm 裸绞铜线
绝缘 HDPE
外径：0.95±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

护套 PVC
颜色：水蓝色(类似于 RAL5021)
厚度：大约0.65mm
外径：6.0±0.3mm

整体的屏蔽层：镀锡铜编织，覆盖≥85%

X140-2T05

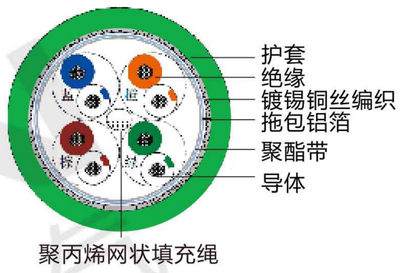


导体 28×0.08mm 裸绞铜线
绝缘 HDPE
外径：0.95±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

护套 PVC
颜色：紫色(RAL4001)
厚度：大约0.65mm
外径：6.7±0.3mm

整体的屏蔽层：镀锡铜编织，覆盖≥85%
拖链次数：500万次

X140-2T10

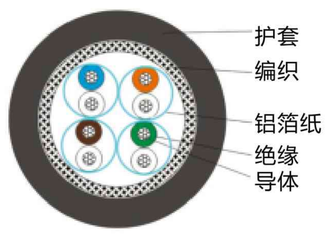


导体 28×0.08mm 裸绞铜线
绝缘 HDPE
外径：0.95±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

护套 PUR
颜色：绿色(PAL6018)
厚度：大约0.65mm
外径：6.7±0.3mm

整体的屏蔽层：镀锡铜编织，覆盖≥85%
拖链次数：1000万次

X140-2A

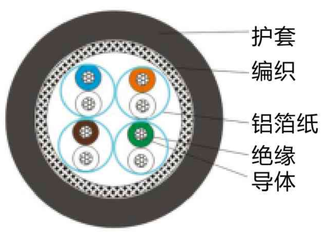


导体 7×0.160mm 多股裸铜导体
绝缘 发泡PE
外径：1.05±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

护套 PVC
颜色：黑色(类似于 RAL9004)
厚度：大约0.55mm
外径：6.7±0.30mm

单独的屏蔽层：AL/Mylar，覆盖≥100%
整体的屏蔽层：镀锡铜编织，覆盖≥40%

X140-3

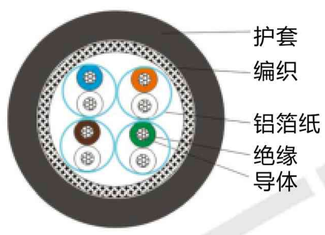


导体 7×0.160mm 多股裸铜导体
绝缘 发泡PE
外径：1.05±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

护套 PVC
颜色：黑色(类似于 RAL9004)
厚度：大约0.55mm
外径：6.7±0.30mm

单独的屏蔽层：AL/Mylar，覆盖≥100%
整体的屏蔽层：镀锡铜编织，覆盖≥85%

X140-3T10



导体 28×0.08mm 裸绞铜线
绝缘 HDPE
外径：1.0±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

护套 PUR
颜色：黑色(RAL9004)
厚度：大约0.65mm
外径：6.7±0.3mm
填充：PP绳+无纺布

整体的屏蔽层：镀锡铜编织，覆盖≥85%
拖链次数：1000万次

X140-4



导体 7×0.160mm 多股裸铜导体
绝缘 发泡PE
外径：1.05±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

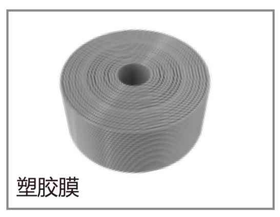
护套 PVC
颜色：黑色(类似于 RAL9004)
厚度：大约0.55mm
外径：6.7±0.30mm

单独的屏蔽层：AL/Mylar，覆盖≥100%
整体的屏蔽层：镀锡铜编织，覆盖≥85%

包装方式 Packing method

长度 Length (m)	100M
包装 Packing	塑胶膜 Plastic Film

- 标准包装方式为塑料膜包装，如需要纸箱包装请咨询销售人员。
- The standard package is plastic film, please consult sales representatives if need carton package.


塑胶膜

分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

以太网线
X235系列

イーサネットケーブル
Ethernet cable



X235-2



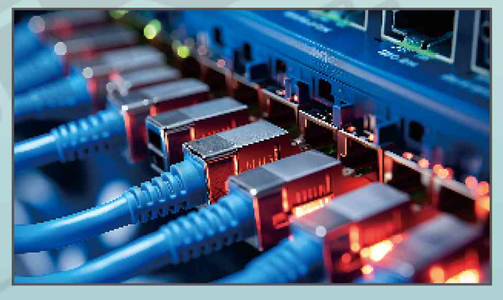
X235-2T05



X235-2T10

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



5类 | 镀金插针 | PVC PUR | HDPE

特点 Features

* 用于Ethernet数据传输的特性阻抗为100ohm的电缆；
* 26AWG/7 多股裸铜导体；
* 发泡PE，HDPE绝缘，PVC护套，PUR；
* 超五类，超六类，七类屏蔽工业网线；
* 线材规格有UL，CE国标需要时注明；

* Ethernetデータ転送用の特性インピーダンスが100 ohmのケーブル。
* 26 awg /7多株裸銅導電体;
* 発泡PE、HDPE絶縁、PVCシース、PUR。
* 超5類、超6類、7類遮蔽工業網線
* 線材規格にULがあり、CE国標が必要な場合は明記する

* A cable with a characteristic impedance of 100 ohms for Ethernet data transmission;
* 26AWG/7 multi-strand bare copper conductor;
* Foam PE, HDPE insulation, PVC sheath, PUR
* Ultra Category 5, Ultra Category 6, and Category 7 shielded industrial network cables;
* The wire specifications have UL and CE standards, which should be indicated when necessary

订货范例 Order

X235 — 2 — 1000

- X235：以太网线 Ethernet cable
- 2：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准型号。如需使用拖链线材，请在型号后加“T”,详情请咨询相关销售人员。

Notice: The above is standard cable model. f you want to usethe chain wire, Please sign "T" after the model.Please contact sales for more details.

T05:05表示拖链次数为500万次；T10:10表示拖链次数为1000万次。
T05:05 means that the number of drag chain is 5 million times; T10:10 means that the number of drag chains is 10 million.

缆线规格 Cable specification

型号 Model	X235-2	X235-2T05	X235-2T10
类型 Types	超五类/屏蔽(覆盖85%)	超五类/屏蔽(覆盖85%),拖链次数500万次	超五类/屏蔽(覆盖85%)拖链次数1000万次
导体电阻 Conductor resistance	≤148Ω/km		
绝缘电阻 Insulation resistance	≥5000MΩ•km		
电阻不平衡 Resistance unbalance	≤2%		
电容不平衡 Capacitance unbalance	≤160pF/100m		
工作温度 Min bending radius	-20℃～75℃		
安装温度 UV resistance	-20℃～55℃		
阻燃 Flame resistance	FT2，IEC 60332-1-2，VW-1		
电压 Voltage	30V		
耐压 Pressure	Dielectric Strength(0.5kV/min,AC)		
适配端头 Adapter end	带金属屏蔽的外壳，镀金插针		
绝缘强度 Dielectric strength	DC1KV for 1min		
额定电容@1KHz Nom.Mutual Capacitance	≤5.6nF/100m		
最小弯曲半径 Operating temperature	固定的:4D(电缆直径)		
线色 Line color	水蓝色/紫色/绿色		

外形图 Outline



注：两头同为568B标准平行直通

配件 Accessories

金属屏蔽水晶头 **X893-2**

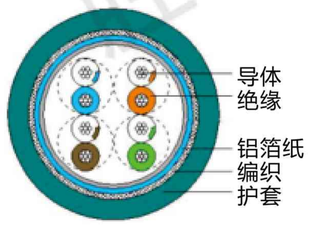


100/包

适用于X235-2/X235-2T05/X235-2T10

结构图 Structure chart

X235-2

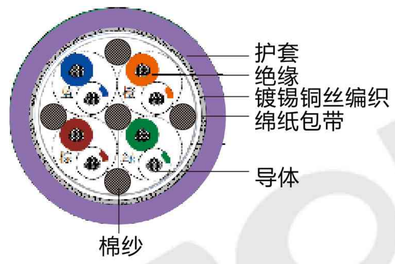


导体 7×0.16mm 裸绞铜线
绝缘 HDPE
外径：0.95±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

护套 PVC
颜色：水蓝色(类似于 RAL5021)
厚度：大约0.65mm
外径：6.0±0.3mm

整体的屏蔽层：镀锡铜编织，覆盖≥85%

X235-2T05

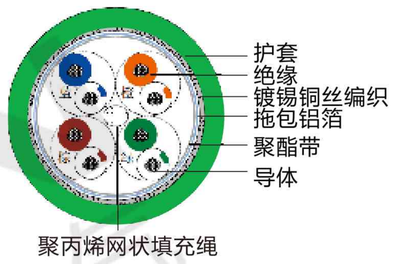


导体 28×0.08mm 裸绞铜线
绝缘 HDPE
外径：0.95±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

护套 PVC
颜色：紫色(RAL4001)
厚度：大约0.65mm
外径：6.7±0.3mm

整体的屏蔽层：镀锡铜编织，覆盖≥85%
拖链次数：500万次

X235-2T10



导体 28/0.08+0.02mm 裸绞铜线
绝缘 HDPE
外径：0.95±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝 5.白蓝 6.绿 7.白棕 8.棕

护套 PUR
颜色：绿色(PAL6018)
厚度：大约0.65mm
外径：6.7±0.3mm

整体的屏蔽层：镀锡铜编织，覆盖≥85%
拖链次数：1000万次

传输性能 Transmission performance

频率 (MHz)	衰减 (dB) max	回波 (dB) min	近端串音 (dB) min	近端串音功率和 (dB) min	等电平远端串音 (dB) min	等电平远端串音功率和 (dB) min
1	2.1	19.0	60.0	57.0	58.6	55.6
4	3.9	19.0	54.8	51.8	46.6	43.6
8	5.5	19.0	50.0	47.0	40.6	37.5
10	6.2	19.0	48.5	45.5	38.6	35.6
16	7.9	19.0	45.2	42.2	34.5	31.5
20	8.9	19.0	43.7	40.7	32.6	29.6
25	10.0	18.0	42.1	39.1	30.7	27.7
31.25	11.2	17.1	40.5	37.5	28.7	25.7
62.5	16.2	14.1	35.7	32.7	22.7	19.7
100	21.0	12.0	32.3	29.3	18.6	15.6

参考标准：ISO1180-1-1;ANSI/TIA 568.2-D
特性阻抗：100±15Ω@1-100MHz

分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

以太网线
X235系列

イーサネットケーブル
Ethernet cable



X235-2A



X235-3



X235-3T10



X235-4

6类
7类

镀金
插针

PVC
PUR

发泡PE

* 产品图仅供参考，出货详情以图纸为准

* The product drawing is only for reference, and the shipment details are subject to the drawing



特点 Features

* 工程级屏蔽，超6类工业网线，用于数据传输的特性阻抗为100ohm的电缆；
* 26AWG多股BC导体，泡沫PE绝缘，AL /聚酯薄膜独立屏蔽，镀锡铜编织整体屏蔽，PVC护套。

* 工程の級はシールドして、超6類の工業の網の糸，データ伝送のための特性インピーダンスが100ohmのケーブル。
* 26 AWG多株bc導電体、フォームpe絶縁、al /ポリエステルフィルム独立シールド、錫メッキ銅編み全体シールド、pvcカバー

* Engineering - grade shielding, super - 6 industrial cable，Cable with an intrinsic impedance of 100ohm for data transmission;
* 26AWG Stranded BC CONDUCTOR ,Foam PE insulation,AL/Mylar individual screen,Tinned copper braiding overall screen, PVC jacket

订货范例 Order

X235 — 3 — 1000

- X235：以太网线 Ethernet cable
- 3：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准型号。如需使用拖链线材，请在型号后加“T”,详情请咨询相关销售人员。

Notice: The above is standard cable model. f you want to usethe chain wire, Please sign "T" after the model.Please contact sales for more details.

T05:05表示拖链次数为500万次；T10:10表示拖链次数为1000万次。

T05:05 means that the number of drag chain is 5 million times; T10:10 means that the number of drag chains is 10 million.

缆线规格 Cable specification

型号 Model	X235-2A	X235-3	X235-3T10	X235-4
类型 Types	超六类/屏蔽(≥40%)	超六类/屏蔽(≥85%)	超六类/屏蔽(≥85%)拖链次数1000万次	七类/屏蔽(≥85%)
导体直流电阻 Conductor DC resistance	≤14.8ohm/100m			
特性阻抗 Characteristic impedance	100±15 ohm@100MHz			
传播延迟 Propagation delay	≤521ns			
工作电压 Operating voltage	≤30V			
护套特征 Jacket characteristic	≥13.8MPa			
拉伸强度(老化前) Tensile strength(before aging)	≥100%			
伸长率(老化前) Elongation(before aging)	未老化最小保留 85%			
抗拉强度(老化后100℃×240h) Tensile strength(after aging100℃×240h)	未老化最小保留 85%			
伸长率(老化后100℃×240h) Elongation(after aging100℃×240h)	≥100%			
热冲击 Heat shock	85℃×1h，变形≤50%（UL444）			
冷弯试验(-40℃×4h) Cold bend test(-40℃×4h)	8×OD.,No cracks			
工作温度 Operating temperature	-20℃～80℃;			
安装温度 Installation temperature	-20℃～55℃			
阻燃性 Flame resistance	VW-1,CM			
端头 End	带金属屏蔽外壳，镀金插针			

外形图 Outline



注：两头同为568B标准平行直通

配件 Accessories

金属屏蔽水晶头 X893-3

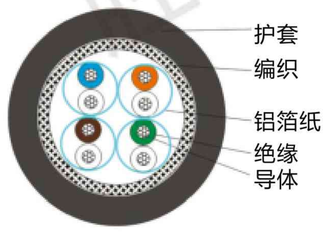


100/包

适用于X235-3

结构图 Structure chart

X235-2A

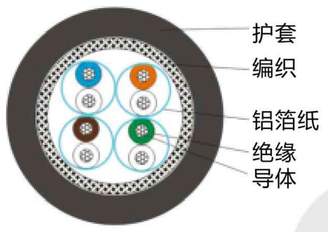


导体 7×0.160mm 多股裸铜导体
绝缘 发泡PE
外径：1.05±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝
5.白蓝 6.绿 7.白棕 8.棕

护套 PVC
颜色：黑色(类似于 RAL9004)
厚度：大约0.55mm
外径：6.7±0.30mm

单独的屏蔽层：AL/Mylar，覆盖≥100%
整体的屏蔽层：镀锡铜编织，覆盖≥40%

X235-3

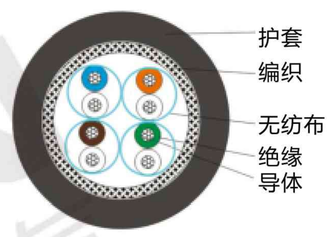


导体 7×0.160mm 多股裸铜导体
绝缘 发泡PE
外径：1.05±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝
5.白蓝 6.绿 7.白棕 8.棕

护套 PVC
颜色：黑色(类似于 RAL9004)
厚度：大约0.55mm
外径：6.7±0.30mm

单独的屏蔽层：AL/Mylar，覆盖≥100%
整体的屏蔽层：镀锡铜编织，覆盖≥85%

X235-3T10

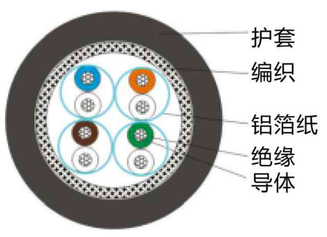


导体 28×0.08mm 裸绞铜线
绝缘 HDPE
外径：1.0±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝
5.白蓝 6.绿 7.白棕 8.棕

护套 PUR
颜色：黑色(RAL9004)
厚度：大约0.65mm
外径：6.7±0.3mm

整体的屏蔽层：镀锡铜编织，覆盖≥85%
拖链次数：1000万次

X235-4



导体 7×0.160mm 多股裸铜导体
绝缘 发泡PE
外径：1.05±0.05mm
颜色：1.白橙 2.橙 3.白绿 4.蓝
5.白蓝 6.绿 7.白棕 8.棕

护套 PVC
颜色：黑色(类似于 RAL9004)
厚度：大约0.55mm
外径：6.7±0.30mm

单独的屏蔽层：AL/Mylar，覆盖≥100%
整体的屏蔽层：镀锡铜编织，覆盖≥85%

传输性能 Transmission performance

频率 (MHz)	衰减 (dB) max	回波 (dB) min	近端串音 (dB) min	近端串音功率和 (dB) min	等电平远端串音 (dB) min	等电平远端串音功率和 (dB) min
1	1.9	19.1	65.0	62.0	64.2	61.2
4	3.5	21.0	64.1	61.8	52.1	49.1
8	5.0	21.0	59.4	57.0	46.1	43.1
10	5.5	21.0	57.8	55.5	44.2	41.2
16	7.0	20.0	54.6	52.2	40.1	37.1
20	7.8	19.5	53.1	50.7	38.2	35.2
25	8.8	19.0	51.5	49.1	36.2	33.2
31.25	9.8	18.5	50.0	47.5	34.3	31.3
62.5	14.0	16.0	45.1	42.7	28.3	25.3
100	18.0	14.0	41.8	39.3	24.2	21.2
200	26.1	11.0	36.9	34.3	18.2	15.2
250	29.5	10.0	35.3	32.7	16.2	13.2
300	32.7	9.2	34.0	31.4	14.6	11.6
400	38.4	8.0	29.9	27.1	12.1	9.1
500	43.8	8.0	26.7	23.8	10.2	7.2

参考标准：ISO/IEC 11801-1-1;ANSI/TIA 568.2-D
注:70m的6A类FLUKE测试。

分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

GigE以太网连接线
X235系列

GigEイーサネット接続ケーブル
GigE Ethernet Connection Cable



X235-283S



X235-284S



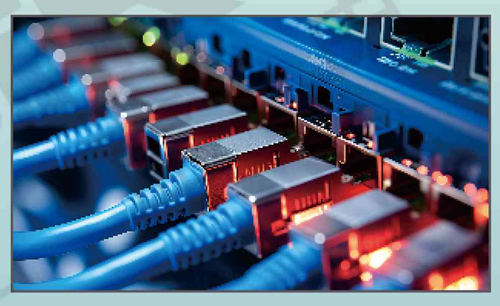
X235-287S



X235-288S

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



5类 6类 | 镀金 插针 | PVC PUR | 抗燃 特性

特点 Features

* 符合 GigE V2.0 标准规范；
* 支持 Gigabit Ethernet，能进行1000Mbps(超五类) 10Gbps(超六类)的数据传输；
* 耐油耐弯曲屏蔽电缆，弯曲寿命最大能达到1000万次
* TPU或PA工程塑料注塑成型；
* 采用UL认证材料，符合CE和RoHS规范，具有抗燃特性VW-1。

* GigEV 2.0標準仕様に適合する、
* Gigabit Ethernetをサポートし、1000 Mbps（超五類）10 Gbps（超六類）のデータ伝送を行うことができる、
* 耐油耐曲げシールドケーブル、曲げ寿命は最大1000万回に達する
*TPUまたはPAエンジニアリングプラスチック射出成形、
* UL認証材料を採用し、CEとRoHS規格に適合し、耐燃性VW-1を有する。

* Compliant with GigE V2.0 standard specifications;
* Supports Gigabit Ethernet, capable of transmitting 1000Mbps (Category 5e) and 10Gbps (Category 5e) data;
* Oil resistant and bending resistant shielded cable, with a maximum bending life of up to 10 million times
* TPU or PA engineering plastic injection molding;
* Adopting UL certified materials, complying with CE and RoHS regulations, and possessing VW-1 flame retardant properties.

订货范例 Order

X235 – 2 8 □ □ – □

⑥ 长度(可定制) Length (customizable)
⑤ 线材类型, 例:无表示空白, S表示屏蔽,T表示拖链, ST表示屏蔽拖链 Wire type, e.g. None for blank, S for shielding, T for e-chain®, ST for shielded e-chain®
④ 线束类型(*见表一) Harness type (*see Table 1)
③ 水晶头芯数, 例:2表示2芯, 4表示4芯, 6表示6芯, 8表示8芯 The number of crystal head cores, e.g. 2 means 2 cores, 4 means 4 cores, 6 means 6 cores, 8 means 8 cores
② 序号, 例:2表示超五类, 0表示六类, 3表示超六类, 4表示七类, 5表示超七类, 6表示八类, 7表示超八类 Serial number, e.g. 2 for CAT 5e, 0 for CAT 6, 3 for CAT 6A, 4 for CAT 7, 5 for CAT 7A, 6 for CAT 8, 7 means super eight categories
① X235系列 X235 series

表一：线束类型 Table 1: Harness types

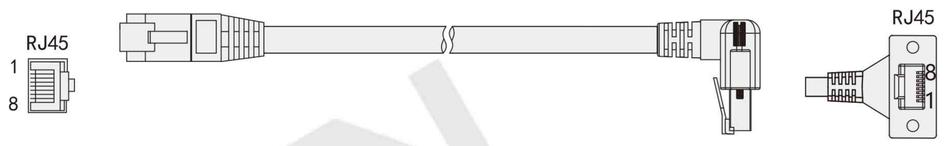
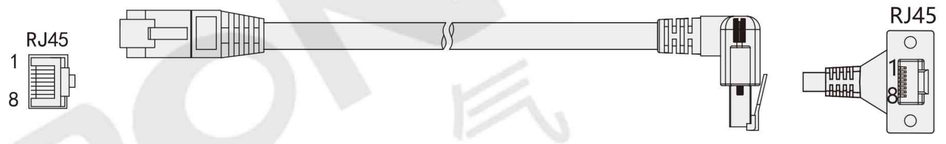
1	直型公头,直型公头 Straight male, straight male	6	直型公头,右弯型公头 Straight male, right curved male
2	直型公头,直型母头 Straight male, straight female	7	右弯型转左弯型公头 Right-bend type turns left-bend male
3	直型公头,上弯直角型公头 Straight male, up-curved right-angled male	8	直型公头,直型带螺丝公头 Straight male, straight with screw male
4	直型公头,下弯直角型公头 Straight male, down-curved right-angle male	9	直型公头,上弯直角型带螺丝公头 Straight male, up-bent right-angled with screw male
5	直型公头,左弯型公头 Straight male, left curved male	A	直型公头,下弯直角型带螺丝公头 Straight male, down-curved right-angled with screw male

外形图 Outline

型号 Model	说明 Instruction	外形图 Dimensions	全长 Length(mm)
X235-282S	直型 Straight type	RJ45 1 8 ——— RJ45母座 1 8	1000 1500
X235-283S	上弯直角型 Upward curved right angle type	RJ45 1 8 ——— RJ45 8 1	
X235-284S	下弯直角型 Down bend right angle type	RJ45 1 8 ——— RJ45 1 8	
X235-285S	左弯型 Left curved type	RJ45 1 8 ——— RJ45 1 8	
X235-286S	右弯型 Right curved type	RJ45 1 8 ——— RJ45 8 1	
X235-287S	右弯型转左弯 Right turn to left turn	RJ45 1 8 ——— RJ45 1 8	
X235-288S	直型带螺丝 Straight type with screws	RJ45 1 8 ——— RJ45 8 1	

注明：
最短线长为1000mm,如需增加以500mm为单位递增。
Note: The minimum cable is 1000mm, and 1000mm for increasing if need.

外形图 Outline

型号 Model	说明 Instruction	外形图 Dimensions	全长 Length(mm)
X235-289S	上弯直角型带螺丝 Upbend right angle type with screw		**1000** **1500** **注明：** 最短线长为1000mm,如需增加以500mm为单位递增。 Note: The minimum cable is 1000mm, and 1000mm for increasing if need.
X235-28AS	下弯直角型带螺丝 Down bend right angle type with screw		

分类
Classification

以太网线
Ethernet cable

I/O预铸连接线
I/O cable

相机线
Camera cable

PLC对应电缆线
PLC cable

伺服对应电缆线
Servo cable

各类纯线材
Pure wire

辅助连接器
Connector

I/O预铸连接线 I/O Connection cable

I/O预铸连接线有插针型、插孔型、插针插孔互转型、插针插孔转RJ45型，符合IP67防护等级标准。线材有PVC、PUR……可选，连接器符合＞500次的插拔周期，满足在各种场景在恶劣环境中的使用。广泛应用于工业自动化各个领域。

I/O pre-cast cables are pin type, jack type, pin and jack mutual conversion, pin and jack to RJ45 type, in line with IP67 protection level standards. The wires are available in PVC, PUR, etc., and the connectors meet the > 500 times of plugging and unplugging cycles, which can be used in harsh environments in various scenarios. It is widely used in various fields of industrial automation.

损耗小·抗干扰
Low loss and anti-interference





耐磨损
Burable

导电优良
Excellent electrical conductivity



抗拉伸持久耐用
传输稳定使用寿命长
Stretch resistant and durable
Stable transmission and long service life

I/O预铸连接线 I/O Connection cable

用于工业自动化系统中的连接线，主要用于连接传感器、执行器和其他I/O设备。它们通常具有较高的防护等级，如IP67，适用于潮湿、油污等复杂工业环境。

The connecting wire used in industrial automation systems is mainly used to connect sensors, actuators, and other I/O devices. They usually have a high level of protection, such as IP67, and are suitable for complex industrial environments such as humidity and oil pollution.

坚固耐磨·性能稳定
Sturdy, wear-resistant, and stable





优良材质
Excellent material

安全可靠
Safe and reliable

接头类型 Connector type



M8
I/O预铸连接线
插针型

I/0プレキャスト接続ライン
I/O Connection line



X236-03A1



X236-03A3



X236-03A5



X236-04A8

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing

RoHS | IP67 | 寿命长 | 抗干扰

特点 Features

* 损耗小，抗干扰，导电优良；
* 耐磨损，抗拉伸持久耐用；
* 传输稳定使用寿命长。

* 損失が少なく、干渉に強く、導電性に優れている；
* 耐摩耗、耐ストレッチ耐久性；
* 伝送が安定して寿命が長い。

* Low loss, anti-interference, excellent conductivity;
* Wear-resistant, stretch-resistant and durable;
* Stable transmission and long service life。

关于选型 About selection

X236 – 03 A 1 □ – □

⑥ 长度(可定制) Length (customizable)
⑤ 线材 例:空白表示PVC, S表示屏蔽,T表示拖链, ST表示屏蔽拖链 For example, blank space means PVC, S means shield, T means e-chain®, ST means shielded e-chain®
④ 产品类型(*见表一) Product Type (*see Table 1)
③ 连接器类型,例:A表示A型, B表示B型 Connector type, e.g. A for type A and type B for type B
② 芯数, 例:03表示3芯, 04表示4芯, 05表示5芯, 06表示6芯 Number of cores, e.g. 03 means 3 cores, 04 means 4 cores, 05 means 5 cores, 06 means 6 cores
① X236系列 X236 series

选型举例：X236-03A1 表示 X236系列，芯数为3芯，连接器类型A型，产品类型为直头针式,直头针式，PVC非屏蔽。
Selection example: X236-03A1 means X236 series, the number of cores is 3, the connector type is type A, the product type is straight pin type, straight pin type, PVC unshielded.
注：B型仅5芯可选，拖链线材为PUR材质。Note: Type B is only available with 5 cores, and the e-chain® wire is made of PUR.

表一：产品类型 Table 1:Product Type

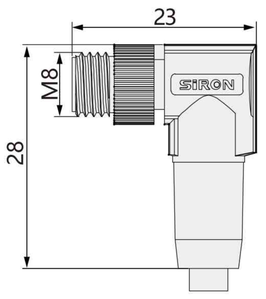
1	直头针式,直头针式 Straight pin type, straight pin type	8	直头针式,一端出线 Straight pin type, one end leads out
3	直头针式,弯头针式 Straight pin type, bent pin type	9	弯头针式,一端出线 Bend needle type, one end leads out
5	弯头针式,弯头针式 Elbow needle type		

规格参数 Specifications

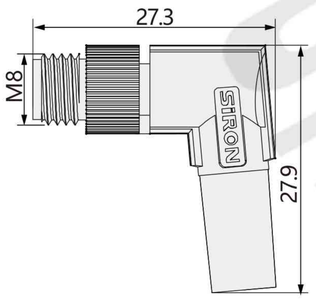
名称 Name	M8 I/O预铸连接线 M8 I/O Connection line			
芯数 Number of cores	3芯	4芯	5芯	6芯
型号 Model	X236-03A1	X236-04A1	X236-05B1	X236-06A1
	X236-03A3	X236-04A3	X236-05B3	X236-06A3
	X236-03A5	X236-04A5	X236-05B5	X236-06A5
	X236-03A8	X236-04A8	X236-05B8	X236-06A8
	X236-03A9	X236-04A9	X236-05B9	X236-06A9
线材外径 Wire outer diameter	4.5mm	4.8mm	5.0mm	5.4mm
缆线规格 Cable specifications	3C*0.25mm²	4C*0.25mm²	5C*0.25mm²	6C*0.25mm²
工作电压 Operating Voltage	最大60V			
防护等级 Protection level	IP67			
线缆外被 Cable jacket	PVC PUR			

接头尺寸 Connector size

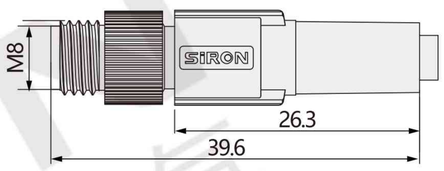
弯头插针(屏蔽)



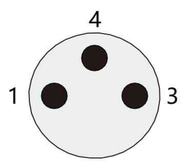
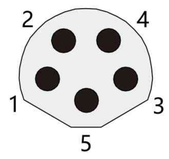
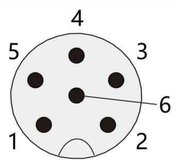
弯头插针(非屏蔽)



直头插针

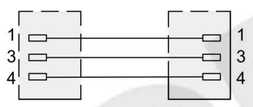


正视图 View from front

类型 Type	A型	A型	B型	A型
芯数 Number of cores	3芯	4芯	5芯	6芯
针型 Needle type				

接线图 Wiring diagram

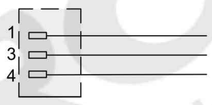
X236-03A1/03A3/03A5



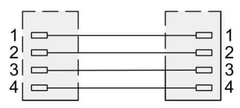
孔位-导线颜色对应表

孔位	1	3	4
颜色	棕	蓝	黑

X236-03A8/03A9



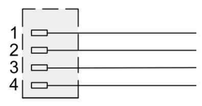
X236-04A1/04A3/04A5



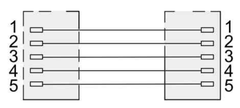
孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

X236-04A8/04A9



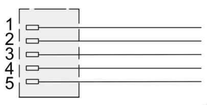
X236-05B1/05B3/05B5



孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

X236-05B8/05B9



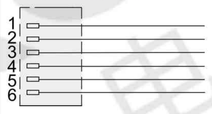
X236-06A1/06A3/06A5



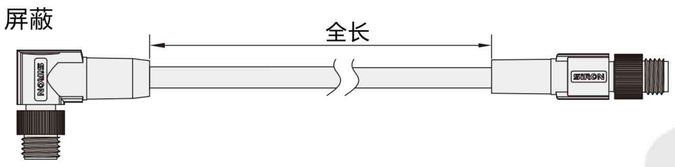
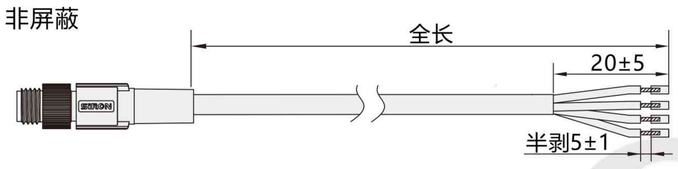
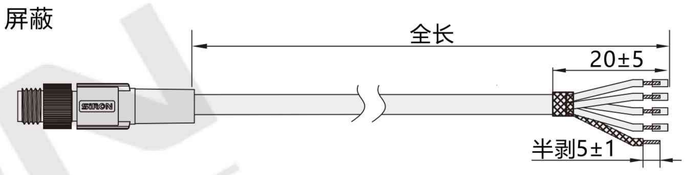
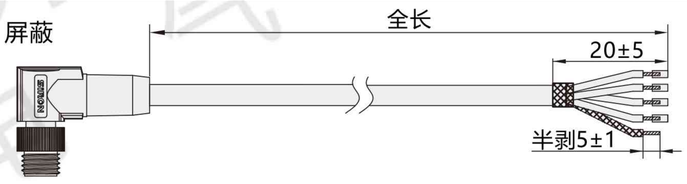
孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	6
颜色	黑	灰	粉红

X236-06A8/06A9



外形图 Outline

型号 Model	说明 instruction	外形图 Dimensions	
X236-03A1 X236-04A1 X236-05B1 X236-06A1	直头针端转直头针端 Straight pin end to straight pin end		
X236-03A3 X236-04A3 X236-05B3 X236-06A3	弯头针端转直头针端 Bend needle end to straight needle end	非屏蔽 	屏蔽 
X236-03A5 X236-04A5 X236-05B5 X236-06A5	弯头针端转弯头针端 Bend needle end, bend needle end	非屏蔽 	屏蔽 
X236-03A8 X236-04A8 X236-05B8 X236-06A8	直头针端转散线 Direct pin end to loose wire	非屏蔽 	屏蔽 
X236-03A9 X236-04A9 X236-05B9 X236-06A9	弯头针端转散线 Bend needle end turning loose wire	非屏蔽 	屏蔽 

分类
Classification
以太网线
Ethernet cable
I/O预铸连接线
I/O cable
相机线
Camera cable
PLC对应电缆线
PLC cable
伺服对应电缆线
Servo cable
各类纯线材
Pure wire
辅助连接器
Connector

M8
I/O预铸连接线
插孔型

I/0プレキャスト接続ライン
I/O Connection line



X236-03AA



X236-03AB



X236-03AC



X236-04AD

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | IP67 | 寿命长 | 抗干扰

特点 Features

* 损耗小，抗干扰，导电优良；
* 耐磨损，抗拉伸持久耐用；
* 传输稳定使用寿命长。

* 損失が少なく、干渉に強く、導電性に優れている；
* 耐摩耗、耐ストレッチ耐久性；
* 伝送が安定して寿命が長い。

* Low loss, anti-interference, excellent conductivity;
* Wear-resistant, stretch-resistant and durable;
* Stable transmission and long service life。

关于选型 About selection

X236 – 03 A A □ – □

⑥ 长度(可定制) Length (customizable)
⑤ 线材 例:空白表示PVC, S表示屏蔽,T表示拖链, ST表示屏蔽拖链 For example, blank space means PVC, S means shield, T means e-chain®, ST means shielded e-chain®
④ 产品类型(*见表一) Product Type (*see Table 1)
③ 连接器类型,例:A表示A型, B表示B型 Connector type, e.g. A for type A and type B for type B
② 芯数, 例:03表示3芯, 04表示4芯, 05表示5芯, 06表示6芯 Number of cores, e.g. 03 means 3 cores, 04 means 4 cores, 05 means 5 cores, 06 means 6 cores
① X236系列 X236 series

选型举例：X236-03AA 表示 X236系列，芯数为3芯，连接器类型A型，产品类型为直头孔式,直头孔式，PVC非屏蔽。
Selection example: X236-03AA means X236 series, the number of cores is 3, the connector type is type A, the product type is straight hole type, straight head hole type, PVC unshielded.
注：B型仅5芯可选，拖链线材为PUR材质。Note: Type B is only available with 5 cores, and the e-chain® wire is made of PUR.

表一：产品类型 Table 1:Product Type

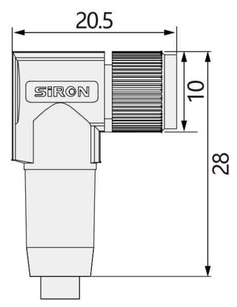
A	直头孔式,直头孔式 Straight head hole, straight head hole	D	直头孔式,一端出线 Straight hole typ, one end leads out
B	直头孔式,弯头孔式 Straight hole type, elbow hole type	E	弯头孔式,一端出线 Bend hole type, one end leads out
C	弯头孔式,弯头孔式 Elbow hole type, elbow hole type		

规格参数 Specifications

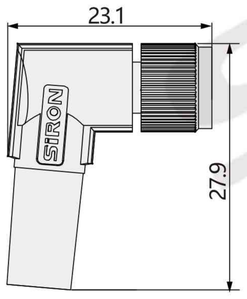
名称 Name	M8 I/O预铸连接线 M8 I/O Connection line			
芯数 Number of cores	3芯	4芯	5芯	6芯
型号 Model	X236-03AA	X236-04AA	X236-05BA	X236-06AA
	X236-03AB	X236-04AB	X236-05BB	X236-06AB
	X236-03AC	X236-04AC	X236-05BC	X236-06AC
	X236-03AD	X236-04AD	X236-05BD	X236-06AD
	X236-03AE	X236-04AE	X236-05BE	X236-06AE
线材外径 Wire outer diameter	4.5mm	4.8mm	5.0mm	5.4mm
缆线规格 Cable specifications	3C*0.25mm²	4C*0.25mm²	5C*0.25mm²	6C*0.25mm²
工作电压 Operating Voltage	最大60V			
防护等级 Protection level	IP67			
线缆外被 Cable jacket	PVC PUR			

接头尺寸 Connector size

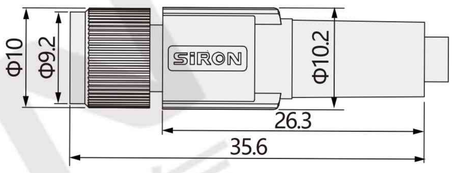
弯头插孔(屏蔽)



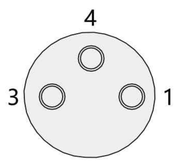
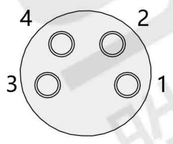
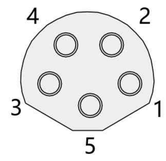
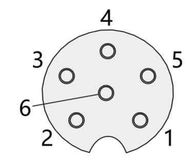
弯头插孔(非屏蔽)



直头插孔

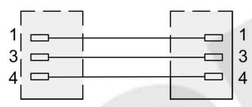


正视图 View from front

类型 Type	A型	A型	B型	A型
芯数 Number of cores	3芯	4芯	5芯	6芯
针型 Needle type				

接线图 Wiring diagram

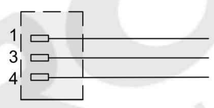
X236-03AA/03AB/03AC



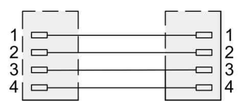
孔位-导线颜色对应表

孔位	1	3	4
颜色	棕	蓝	黑

X236-03AD/03AE



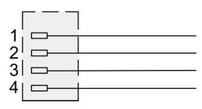
X236-04AA/04AB/04AC



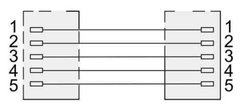
孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

X236-04AD/04AE



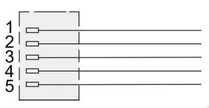
X236-05BA/05BB/05BC



孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

X236-05BD/05BE



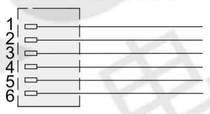
X236-06AA/06AB/06AC



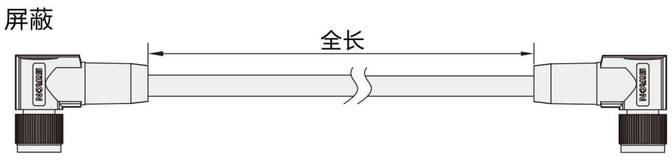
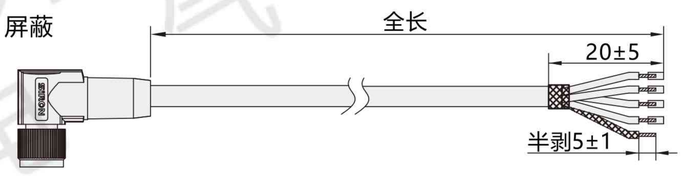
孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	6
颜色	黑	灰	粉红

X236-06AD/06AE



外形图 Outline

型号 Model	说明 instruction	外形图 Dimensions
X236-03AA X236-04AA X236-05BA X236-06AA	直头孔端转直头孔端 Straight hole end turn straight hole end	
X236-03AB X236-04AB X236-05BB X236-06AB	弯头孔端转直头孔端 Bend the hole end to the straight head hole end	非屏蔽  屏蔽 
X236-03AC X236-04AC X236-05BC X236-06AC	弯头孔端转弯头孔端 Elbow hole end Turning head hole end	非屏蔽  屏蔽 
X236-03AD X236-04AD X236-05BD X236-06AD	直头孔端转散线 Straight hole end turn loose wire	非屏蔽  屏蔽 
X236-03AE X236-04AE X236-05BE X236-06AE	弯头孔端转散线 Bend hole end turn loose wire	非屏蔽  屏蔽 

分类
Classification
以太网线
Ethernet cable
I/O预铸连接线
I/O cable
相机线
Camera cable
PLC对应电缆线
PLC cable
伺服对应电缆线
Servo cable
各类纯线材
Pure wire
辅助连接器
Connector

M8
I/O预铸连接线
插针插孔互转型

I/Oプレキャスト接続ライン

I/O Connection line



X236-03A2



X236-03A6



X236-03A4



X236-04D2

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | IP67 | 寿命长 | 抗干扰

特点 Features

* 损耗小，抗干扰，导电优良；
* 耐磨损，抗拉伸持久耐用；
* 传输稳定使用寿命长。

* 損失が少なく、干渉に強く、導電性に優れている;
* 耐摩耗、耐ストレッチ耐久性;
* 伝送が安定して寿命が長い。

* Low loss, anti-interference, excellent conductivity;
* Wear-resistant, stretch-resistant and durable;
* Stable transmission and long service life。

关于选型 About selection

X236 – 03 A 2 □ – □

⑥ 长度(可定制) Length (customizable)
⑤ 线材 例:空白表示PVC, S表示屏蔽,T表示拖链, ST表示屏蔽拖链 For example, blank space means PVC, S means shield, T means e-chain®, ST means shielded e-chain®
④ 产品类型(*见表一) Product Type (*see Table 1)
③ 连接器类型,例:A表示A型, B表示B型, D表示D型 Connector type, e.g. A for type A , type B for type B,type D for type D
② 芯数, 例:03表示3芯, 04表示4芯, 05表示5芯, 06表示6芯 Number of cores, e.g. 03 means 3 cores, 04 means 4 cores, 05 means 5 cores, 06 means 6 cores
① X236系列 X236 series

选型举例：X236-03A2 表示 X236系列，芯数为3芯，连接器类型A型，产品类型为直头针式,直头孔式，PVC非屏蔽。
X236-04D1S 表示 X236系列，芯数为4芯，连接器类型D型，产品类型为直头针式,直头针式，PVC屏蔽。

Selection example: X236-03A2 means X236 series, the number of cores is 3, the connector type is type A, the product type is straight pin type, straight head hole type, PVC unshielded.
X236-04D1S stands for X236 series, the number of pins is 4, the connector type is D, the product type is straight pin type, straight pin type, PVC shielded.

注：B型仅5芯可选，拖链线材为PUR材质。Note: Type B is only available with 5 cores, and the e-chain® wire is made of PUR.

表一：产品类型 Table 1:Product Type

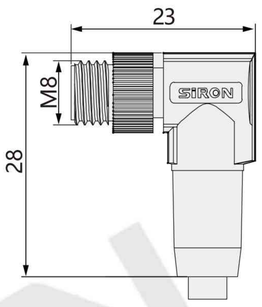
1	直头针式,直头针式 Straight pin type, straight pin type	7	弯头针式,弯头孔式 Elbow pin, elbow hole
2	直头针式,直头孔式 Straight head needle, straight head hole	8	直头针式,一端出线 Straight pin type, one end leads out
4	直头针式,弯头孔式 Straight needle type, elbow hole type	A	直头孔式,直头孔式 Straight head hole, straight head hole
6	弯头针式,直头孔式 Elbow pin, straight hole	D	直头孔式,一端出线 Straight hole typ, one end leads out

规格参数 Specifications

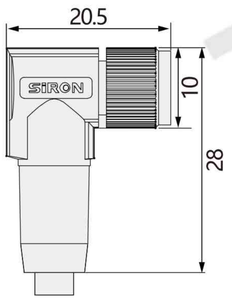
名称 Name	M8 I/O预铸连接线 M8 I/O Connection line				
芯数 Number of cores	3芯	4芯		5芯	6芯
类型 Type	A型	A型	D型	B型	A型
型号 Model	X236-03A2	X236-04A2	X236-04D2S	X236-05B2	X236-06A2
	X236-03A6	X236-04A6	X236-04D1S	X236-05B6	X236-06A6
	X236-03A4	X236-04A4	X236-04D8S	X236-05B4	X236-06A4
	X236-03A7	X236-04A7	X236-04DAS	X236-05B7	X236-06A7
	/	/	X236-04DDS	/	/
线材外径 Wire outer diameter	4.5mm	4.8mm	6.5mm	5.0mm	5.4mm
缆线规格 Cable specifications	3C*0.25mm²	4C*0.25mm²	4C*0.34mm²	5C*0.25mm²	6C*0.25mm²
工作电压 Operating Voltage	最大60V				
防护等级 Protection level	IP67				
线缆外被 Cable jacket	PVC PUR				

接头尺寸 Connector size

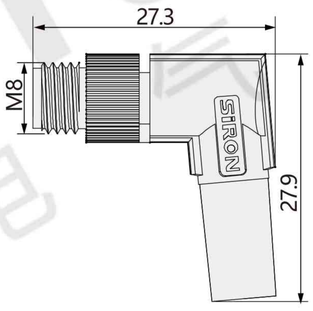
弯头插针(屏蔽)



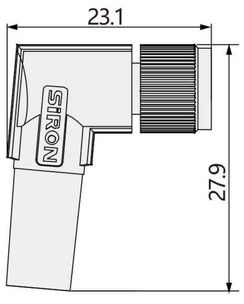
弯头插孔(屏蔽)



弯头插针(非屏蔽)

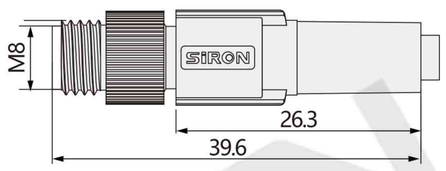


弯头插孔(非屏蔽)

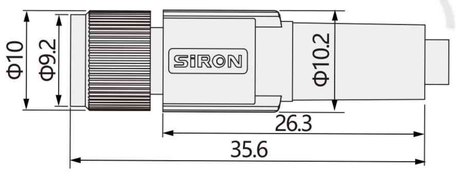


接头尺寸 Connector size

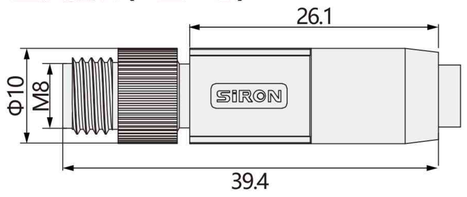
直头插针



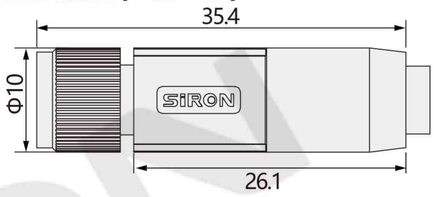
直头插孔



直头插针(D型 4芯)

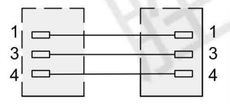


直头插孔(D型 4芯)



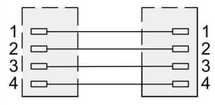
接线图 Wiring diagram

X236-03A2/03A6/03A4/03A7



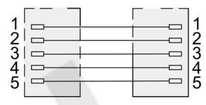
孔位	1	3	4
颜色	棕	蓝	黑

X236-04A2/04A6/04A4/04A7



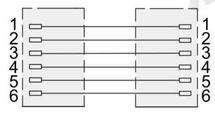
孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

X236-05B2/05B6/05B4/05B7



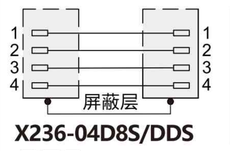
孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

X236-06A2/06A6/06A4/06A7



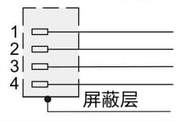
孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	6
颜色	黑	灰	粉红

X236-04D1S/DAS/D2S

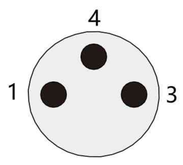
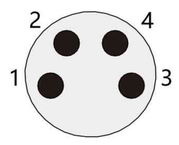
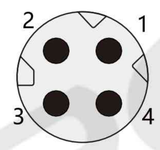
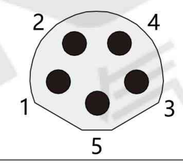
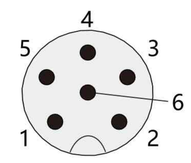
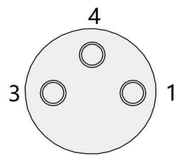
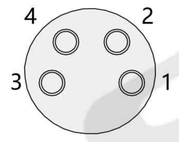
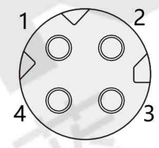
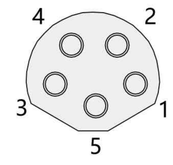
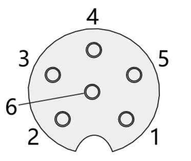


孔位	1	2	3
颜色	黄	白	橙
孔位	4		
颜色	蓝		

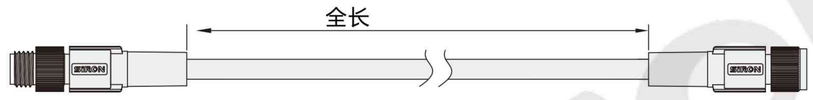
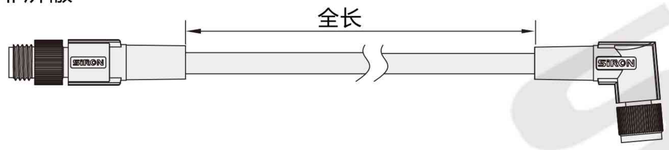
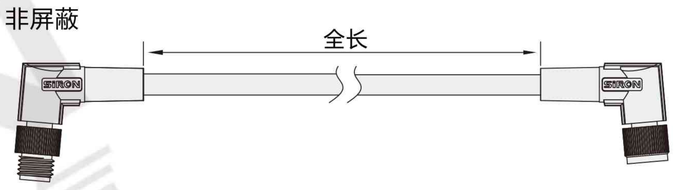
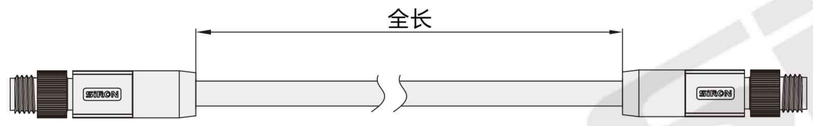
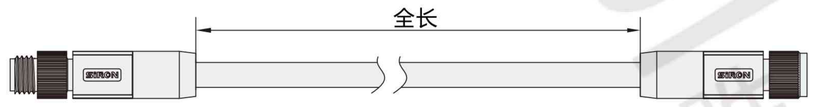
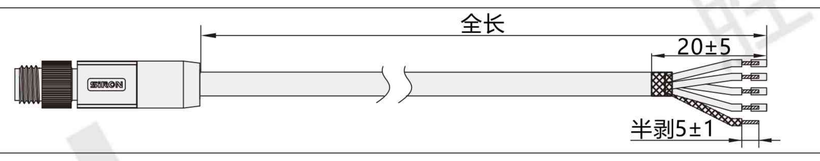
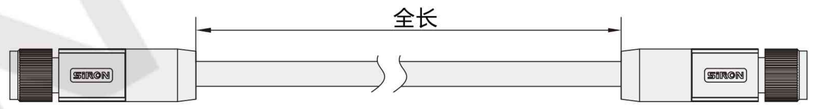
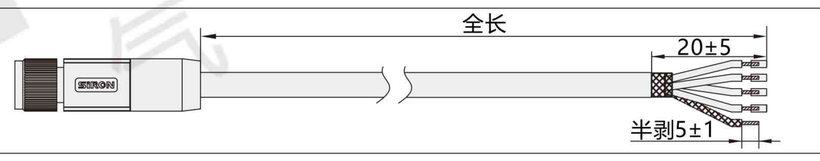
X236-04D8S/DDS



正视图 View from front

类型 Type	A型	A型	D型	B型	A型
芯数 Number of cores	3芯	4芯	4芯	5芯	6芯
针型 Needle type					
孔型 Hole pattern					

外形图 Outline

型号 Model	说明 instruction	外形图 Dimensions
X236-03A2 X236-04A2 X236-05B2 X236-06A2	直头针端转直头孔端 Straight pin end to straight hole end	
X236-03A4 X236-04A4 X236-05B4 X236-06A4	直头针端转弯头孔端 Straight pin end, turning head hole end	非屏蔽  屏蔽 
X236-03A6 X236-04A6 X236-05B6 X236-06A6	弯头针端转直头孔端 Bend needle end to straight head hole end	非屏蔽  屏蔽 
X236-03A7 X236-04A7 X236-05B7 X236-06A7	弯头针端转弯头孔端 Bend needle end, bend head hole end	非屏蔽  屏蔽 
X236-04D1S	直头针端转直头针端 Straight pin end to straight pin end	
X236-04D2S	直头针端转直头孔端 Straight pin end to straight hole end	
X236-04D8S	直头针端转散线 Direct pin end to loose wire	
X236-04DAS	直头孔端转直头孔端 Straight hole end turn straight hole end	
X236-04DDS	直头孔端转散线 Straight hole end turn loose wire	

分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

M8
I/O预铸连接线
插针插孔转RJ45型

I/0プレキャスト接続ライン
I/O Connection line



X236-04AFS



X236-04AGS



X236-04AHS



X236-04AJS

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing

RoHS | IP67 | 寿命长 | 抗干扰

特点 Features

* 损耗小，抗干扰，导电优良；
* 耐磨损，抗拉伸持久耐用；
* 传输稳定使用寿命长。

* 損失が少なく、干渉に強く、導電性に優れている;
* 耐摩耗、耐ストレッチ耐久性;
* 伝送が安定して寿命が長い。

* Low loss, anti-interference, excellent conductivity;
* Wear-resistant, stretch-resistant and durable;
* Stable transmission and long service life。

关于选型 About selection

X236 – 04 A F S – ⑥

⑥ 长度(可定制) Length (customizable)
⑤ 线材 例:S表示屏蔽,T表示拖链, ST表示屏蔽拖链 For example, blank space means PVC, S means shield, T means e-chain®, ST means shielded e-chain®
④ 产品类型(*见表一) Product Type (*see Table 1)
③ 连接器类型,例:A表示A型 Connector type, e.g. A for type A
② 芯数, 例:03表示3芯, 04表示4芯, 05表示5芯, 06表示6芯 Number of cores, e.g. 03 means 3 cores, 04 means 4 cores, 05 means 5 cores, 06 means 6 cores
① X236系列 X236 series

选型举例：X236-04AFS 表示 X236系列，芯数为4芯，连接器类型A型，产品类型为直头针式,直RJ45，屏蔽。
Selection example: X236-04AFS represents X236 series, the number of cores is 4 cores, the connector type is type A, the product type is straight pin type, straight RJ45, shielded.
注：D型仅4芯可选，拖链线材为PUR材质。Note: Type D is only available with 4 cores, and the e-chain® wire is made of PUR.

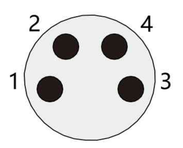
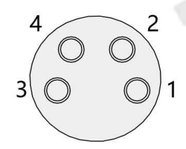
表一：产品类型 Table 1:Product Type

F	直头针式,直RJ45 Straight pin type, straight RJ45	H	直头孔式,直RJ45 Straight hole type, straight RJ45
G	弯头针式,直RJ45 Bend pin type, straight RJ45	J	弯头孔式,弯RJ45 Bend hole type, bend RJ45

规格参数 Specifications

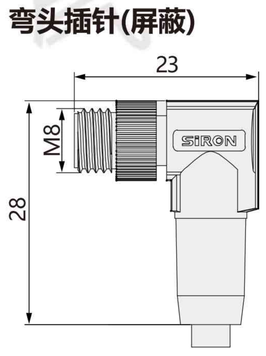
名称 Name	M8 I/O预铸连接线 M8 I/O Connection line			
芯数 Number of cores	4芯/4芯拖链			
型号 Model	X236-04AFS	X236-04AGS	X236-04AHS	X236-04AJS
线材外径 Wire outer diameter	5.2			
缆线规格 Cable specifications	26AWG/2P			
工作电压 Operating Voltage	最大30V			
防护等级 Protection level	IP67			
线缆外被 Cable jacket	PVC/PUR			

正视图 View from front

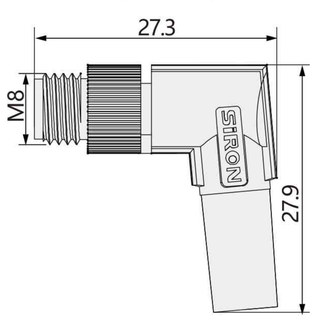
类型 Type	A型		
芯数 Number of cores	4芯		
针型 Needle type		孔型 Hole pattern	

接头尺寸 Connector size

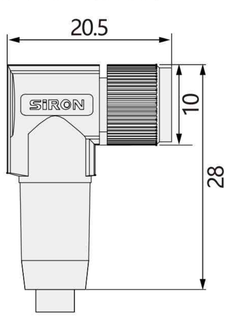
弯头插针(屏蔽)



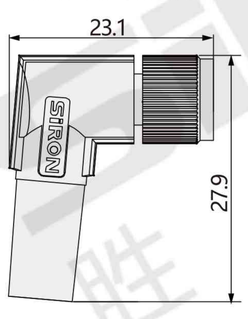
弯头插针(非屏蔽)



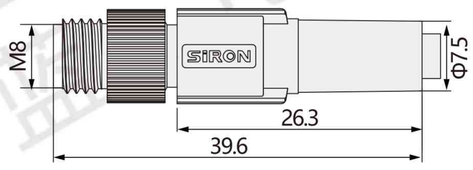
弯头插孔(屏蔽)



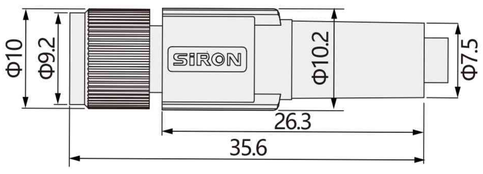
弯头插孔(非屏蔽)



直头插针

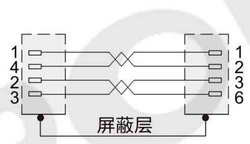


直头插孔



接线图 Wiring diagram

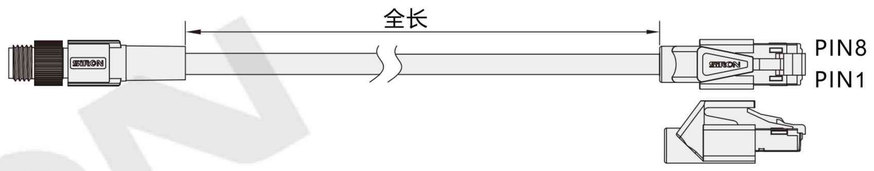
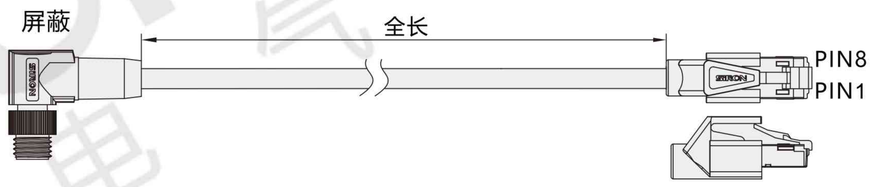
X236-04AFS/04AGS/04AHS/04AJS



孔位-导线颜色对应表

孔位	1	4/2	2/3
颜色	白 橙	橙	白 绿
孔位	3/6		
颜色	绿		

外形图 Outline

型号 Model	说明 instruction	外形图 Dimensions
X236-04AFS	直头针端转RJ45水晶头 Straight needle end turn RJ45 crystal head	
X236-04AGS	弯头针端转RJ45水晶头 Bend the needle end to RJ45 crystal head	
X236-04AHS	直头孔端转RJ45水晶头 Turn the RJ45 connector into the straight hole	
X236-04AJS	弯头孔端转RJ45水晶头 Turn the RJ45 connector at the elbow hole	

分类
Classification

以太网线
Ethernet cable

I/O预铸连接线
I/O cable

相机线
Camera cable

PLC对应电缆线
PLC cable

伺服对应电缆线
Servo cable

各类纯线材
Pure wire

辅助连接器
Connector

M12
I/O预铸连接线
插针型

I/0プレキャスト接続ライン
I/O Connection line



X237-04A1



X237-04A3



X237-04A5



X237-08X1S

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | IP67 | 寿命长 | 抗干扰

特点 Features

* 损耗小，抗干扰，导电优良；
* 耐磨损，抗拉伸持久耐用；
* 传输稳定使用寿命长。

* 損失が少なく、干渉に強く、導電性に優れている;
* 耐摩耗、耐ストレッチ耐久性;
* 伝送が安定して寿命が長い。

* Low loss, anti-interference, excellent conductivity;
* Wear-resistant, stretch-resistant and durable;
* Stable transmission and long service life.

关于选型 About selection

X237 – 04 A 1 □ – □

⑥ 长度(可定制) Length (customizable)
⑤ 线材 例:空白表示PVC, S表示屏蔽,T表示拖链, ST表示屏蔽拖链 For example, blank space means PVC, S means shield, T means e-chain®, ST means shielded e-chain®
④ 产品类型(*见表一) Product Type (*see Table 1)
③ 连接器类型,例:A表示A型, B表示B型, D表示D型, X表示X型 Connector type, e.g. A for type A, B for type B, D for type D, X for type X
② 芯数, 例:04表示4芯, 05表示5芯, 08表示8芯 Number of cores, e.g. 04 means 4 cores, 05 means 5 cores, 08 means 8 cores
① X237系列 X237 series

表一：产品类型 Table 1:Product Type

1	直头针式,直头针式 Straight pin type, straight pin type	8	直头针式,一端出线 Straight pin type, one end leads out
3	直头针式,弯头针式 Straight pin type, bent pin type	9	弯头针式,一端出线 Bend needle type, one end leads out
5	弯头针式,弯头针式 Elbow needle type		

选型举例：X237-04A1 表示 X237系列，芯数为4芯，连接器类型A型，产品类型为直头针式,直头针式，PVC非屏蔽。
X237-04A1S 表示 X237系列，芯数为4芯，连接器类型A型，产品类型为直头针式,直头针式，PVC屏蔽。

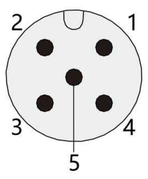
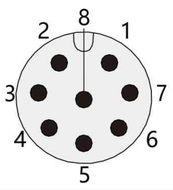
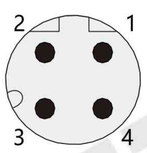
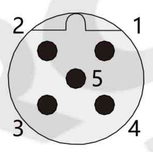
Selection example: X237-04A1 represents X237 series, the number of cores is 4 cores, the connector type is type A, the product type is straight pin type, straight pin type, PVC unshielded.
X237-04A1S represents X237 series, the number of pins is 4, the connector type is type A, the product type is straight pin type, straight pin type, PVC shielding.

注：B型仅5芯可选，拖链线材为PUR材质。Note: Type B is only available with 5 cores, and the e-chain® wire is made of PUR.

规格参数 Specifications

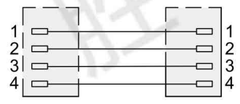
名称 Name	M12 I/O预铸连接线 M12 I/O Connection line					
芯数 Number of cores	4芯		5芯		8芯	
类型 Type	A型	D型	A型	B型	A型	X型
型号 Model	X237-04A1	X237-04D1	X237-05A1	X237-05B1	X237-08A1	X237-08X1S
	X237-04A3	X237-04D3	X237-05A3	X237-05B3	X237-08A3	/
	X237-04A5	X237-04D5	X237-05A5	X237-05B5	X237-08A5	/
	X237-04A8	X237-04D8	X237-05A8	X237-05B8	X237-08A8	X237-08X8S
	X237-04A9	X237-04D9	X237-05A9	X237-05B9	X237-08A9	/
线材外径 Wire outer diameter	4.8mm		5.2mm		6mm/6.7mm	
缆线规格 Cable specifications	4C*0.34mm²		5C*0.34mm²		8C*0.25mm²	
工作电压 Operating Voltage	最大250V		最大60V		最大60V	
防护等级 Protection level	IP67		IP67		IP67	
线缆外被 Cable jacket	PVC PUR		PVC PUR		PVC PUR	

正视图 View from front

类型 Type	A型	A型	A型	D型	B型	X型
芯数 Number of cores	4芯	5芯	8芯	4芯	5芯	8芯
针型 Needle type						

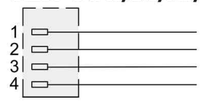
接线图 Wiring diagram

X237-04A1/D1/A3/D3/A5/D5

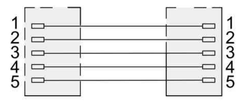


孔位-导线颜色对应表			
孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

X237-04A8/D8/A9/D9

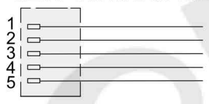


X237-05A1/B1/A3/B3/A5/B5

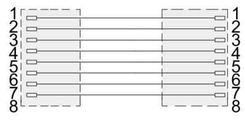


孔位-导线颜色对应表			
孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

X237-05A8/B8/A9/B9

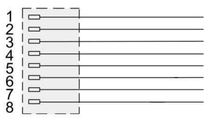


X237-08A1/A3/A5

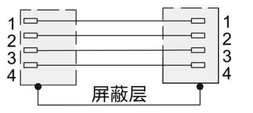


孔位-导线颜色对应表			
孔位	1	2	3
颜色	白	棕	绿
孔位	4	5	6
颜色	黄	灰	粉
孔位	7	8	
颜色	蓝	红	

X237-08A8/A9

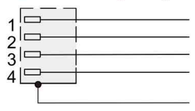


X237-04A1S/D1S/A3S/D3S/A5S/D5S

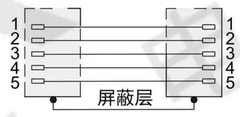


孔位-导线颜色对应表			
孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

X237-04A8S/D8S/A9S/D9S

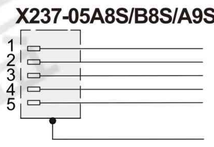


X237-05A1S/B1S/A3S/B3S/A5S/B5S



孔位-导线颜色对应表			
孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

X237-05A8S/B8S/A9S/B9S



X237-08A1S/A3S/A5S

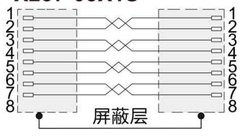


孔位-导线颜色对应表			
孔位	1	2	3
颜色	白	棕	绿
孔位	4	5	6
颜色	黄	灰	粉
孔位	7	8	
颜色	蓝	红	

X237-08A8S/A9S

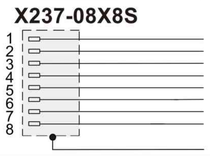


X237-08X1S

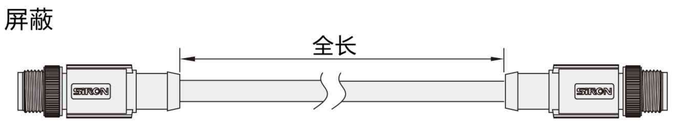
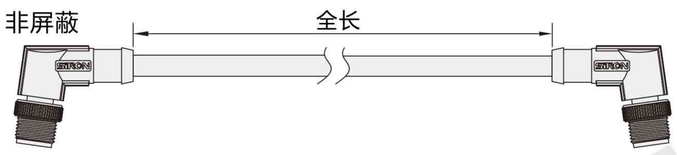
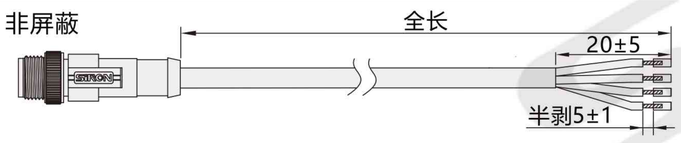
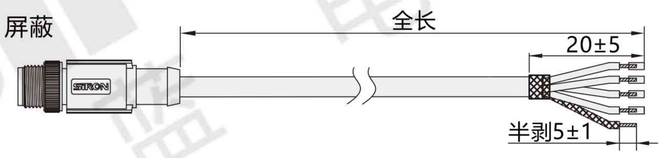
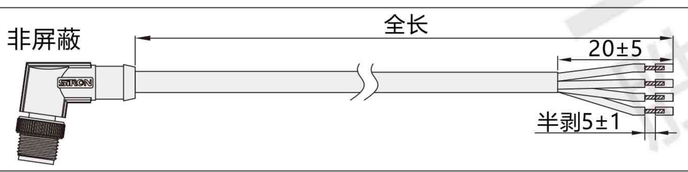
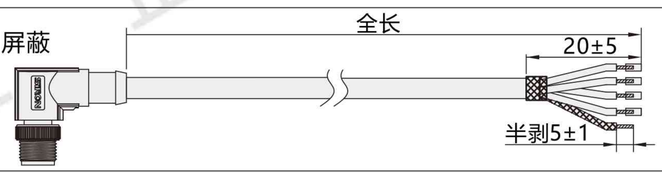
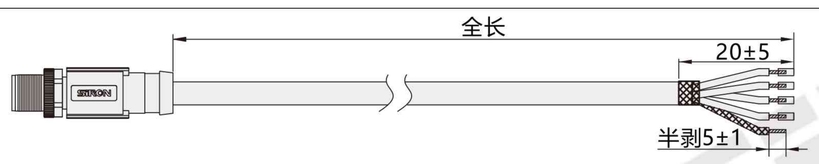


孔位-导线颜色对应表			
孔位	1	2	3
颜色	白 橙	橙	白 绿
孔位	4	5	6
颜色	绿	白 棕	棕
孔位	7	8	
颜色	白 蓝	蓝	

X237-08X8S

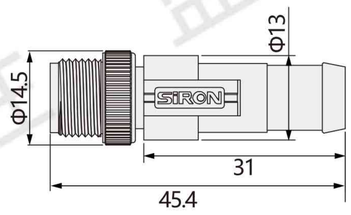


外形图

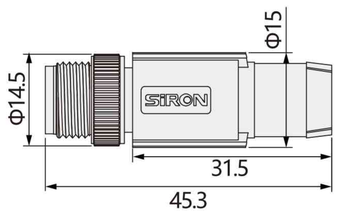
型号 Model	说明 instruction	外形图 Dimensions	
X237-04A1/D1 X237-05A1/B1 X237-08A1	直头针端转直头针端 Straight pin end to straight pin end	非屏蔽 	屏蔽 
X237-04A3/D3 X237-05A3/B3 X237-08A3	弯头针端转直头针端 Bend needle end to straight needle end	非屏蔽 	屏蔽 
X237-04A5/D5 X237-05A5/B5 X237-08A5	弯头针端转弯头针端 Bend needle end, bend needle end	非屏蔽 	屏蔽 
X237-04A8/D8 X237-05A8/B8 X237-08A8	直头针端转散线 Direct pin end to loose wire	非屏蔽 	屏蔽 
X237-04A9/D9 X237-05A9/B9 X237-08A9	弯头针端转散线 Bend needle end turning loose wire	非屏蔽 	屏蔽 
X237-08X1S	直头针端转直头针端 Straight pin end to straight pin end		
X237-08X8S	直头针端转散线 Direct pin end to loose wire		

接头尺寸 Connector size

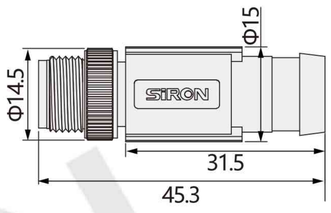
直头插针(A/B/D型 非屏蔽)



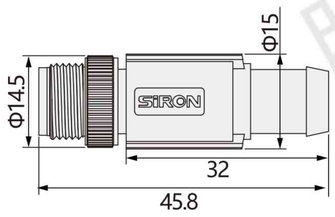
直头插针(B型 屏蔽)



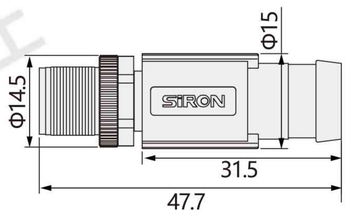
直头插针(D型 屏蔽)



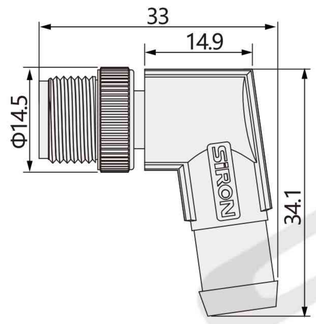
直头插针(A型 屏蔽)



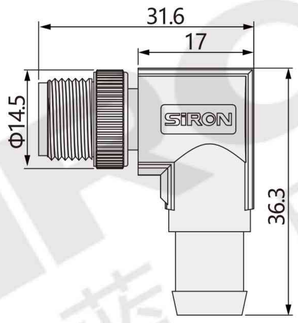
直头插针(X型 屏蔽)



弯头插针(A/B/D型 非屏蔽)



弯头插针(A/B/D型 屏蔽)



M12
I/O预铸连接线
插孔型

I/0プレキャスト接続ライン
I/O Connection line



X237-04AA



X237-04AB



X237-04AC



X237-08XAS

RoHS | IP67 | 寿命长 | 抗干扰

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



特点 Features

* 损耗小，抗干扰，导电优良；
* 耐磨损，抗拉伸持久耐用；
* 传输稳定使用寿命长。

＊ 損失が少なく、干渉に強く、導電性に優れている;
＊ 耐摩耗、耐ストレッチ耐久性;
＊ 伝送が安定して寿命が長い。

* Low loss, anti-interference, excellent conductivity;
* Wear-resistant, stretch-resistant and durable;
* Stable transmission and long service life.

关于选型 About selection

X237 – 04 A A □ – □

⑥ 长度(可定制) Length (customizable)
⑤ 线材 例:空白表示PVC, S表示屏蔽,T表示拖链, ST表示屏蔽拖链 For example, blank space means PVC, S means shield, T means e-chain®, ST means shielded e-chain®
④ 产品类型(*见表一) Product Type (*see Table 1)
③ 连接器类型,例:A表示A型, B表示B型, D表示D型, X表示X型 Connector type, e.g. A for type A, B for type B, D for type D, X for type X
② 芯数, 例:04表示4芯, 05表示5芯, 08表示8芯 Number of cores, e.g. 04 means 4 cores, 05 means 5 cores, 08 means 8 cores
① X237系列 X237 series

表一：产品类型 Table 1:Product Type

A	直头孔式,直头孔式 Straight head hole, straight head hole	D	直头孔式,一端出线 Straight hole typ, one end leads out
B	直头孔式,弯头孔式 Straight hole type, elbow hole type	E	弯头孔式,一端出线 Bend hole type, one end leads out
C	弯头孔式,弯头孔式 Elbow hole type, elbow hole type		

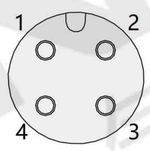
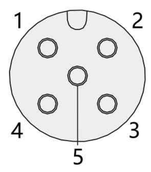
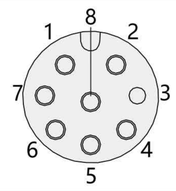
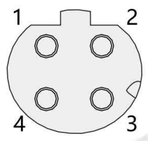
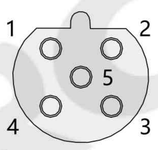
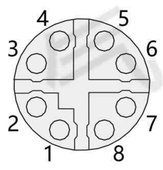
选型举例：X237-04AA 表示 X237系列，芯数为4芯，连接器类型A型，产品类型为直头孔式,直头孔式，PVC非屏蔽。
X237-04AAS 表示 X237系列，芯数为4芯，连接器类型A型，产品类型为直头孔式,直头孔式，PVC屏蔽。

Selection example: X237-04AA means X237 series, the number of cores is 4 cores, the connector type is type A, the product type is straight head hole type, straight head hole type, PVC unshielded.
X237-04AAS means X237 series, the number of pins is 4, the connector type is type A, the product type is straight head hole type, straight head hole type, PVC shielding.

规格参数 Specifications

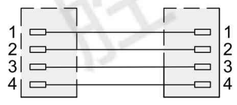
名称 Name	M12 I/O预铸连接线 M12 I/O Connection line					
芯数 Number of cores	4芯		5芯		8芯	
类型 Type	A型	D型	A型	B型	A型	X型
型号 Model	X237-04AA	X237-04DA	X237-05AA	X237-05BA	X237-08AA	X237-08XAS
	X237-04AB	X237-04DB	X237-05AB	X237-05BB	X237-08AB	/
	X237-04AC	X237-04DC	X237-05AC	X237-05BC	X237-08AC	/
	X237-04AD	X237-04DD	X237-05AD	X237-05BD	X237-08AD	X237-08XDS
	X237-04AE	X237-04DE	X237-05AE	X237-05BE	X237-08AE	/
线材外径 Wire outer diameter	4.8mm		5.2mm		6mm/6.7mm	
缆线规格 Cable specifications	4C*0.34mm²		5C*0.34mm²		8C*0.25mm²	
工作电压 Operating Voltage	最大250V		最大60V		最大60V	
防护等级 Protection level	IP67		IP67		IP67	
线缆外被 Cable jacket	PVC PUR		PVC PUR		PVC PUR	

正视图 View from front

类型 Type	A型	A型	A型	D型	B型	X型
芯数 Number of cores	4芯	5芯	8芯	4芯	5芯	8芯
孔型 Hole pattern						

接线图 Wiring diagram

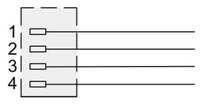
X237-04AA/DA/AB/DB/AC/DC



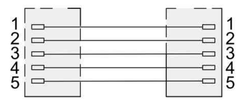
孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

X237-04AD/DD/AE/DE



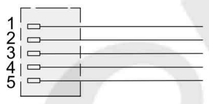
X237-05AA/BA/AB/BB/AC/BC



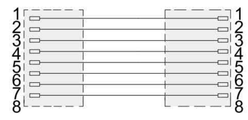
孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

X237-05AD/BD/AE/BE



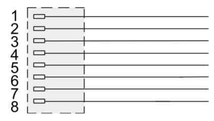
X237-08AA/AB/AC



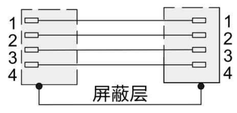
孔位-导线颜色对应表

孔位	1	2	3
颜色	白	棕	绿
孔位	4	5	6
颜色	黄	灰	粉
孔位	7	8	
颜色	蓝	红	

X237-08AD/AE



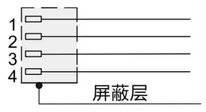
X237-04AAS/DAS/ABS/DBS/ACS/DCS



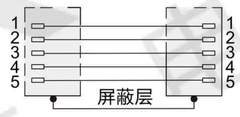
孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

X237-04ADS/DDS/AES/DES



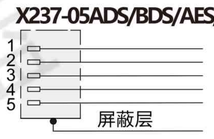
X237-05AAS/BAS/ABS/BBS/ACS/BCS



孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

X237-05ADS/BDS/AES/BES



X237-08AAS/ABS/ACS



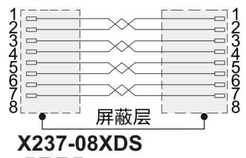
孔位-导线颜色对应表

孔位	1	2	3
颜色	白	棕	绿
孔位	4	5	6
颜色	黄	灰	粉
孔位	7	8	
颜色	蓝	红	

X237-08ADS/AES



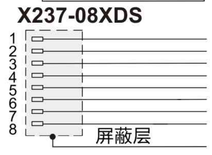
X237-08XAS



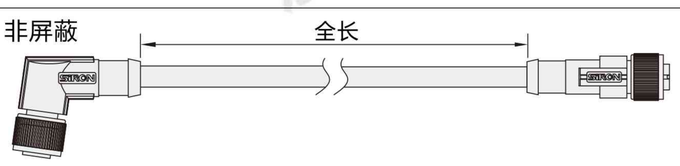
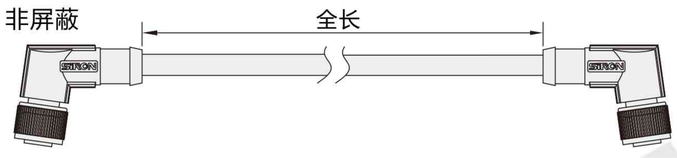
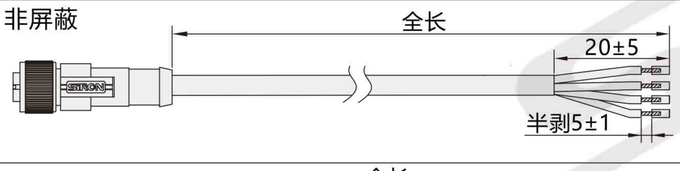
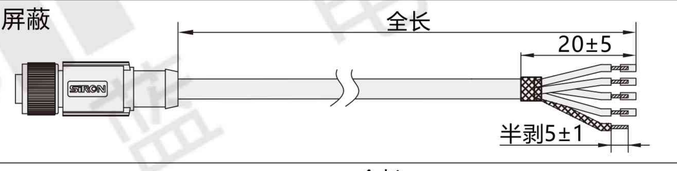
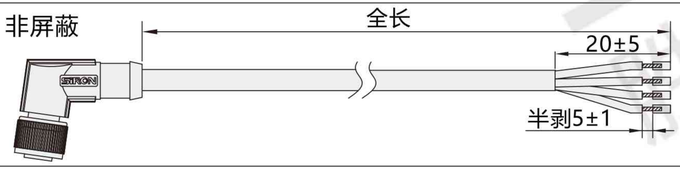
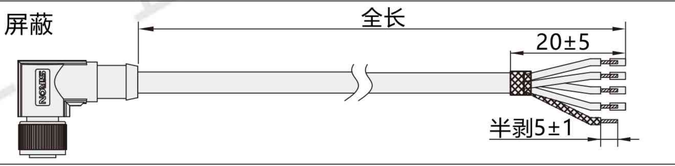
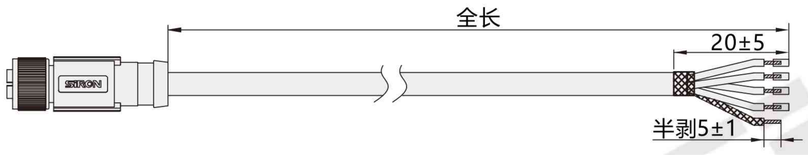
孔位-导线颜色对应表

孔位	1	2	3
颜色	白 橙	橙	白 绿
孔位	4	5	6
颜色	绿	白 棕	棕
孔位	7	8	
颜色	白 蓝	蓝	

X237-08XDS

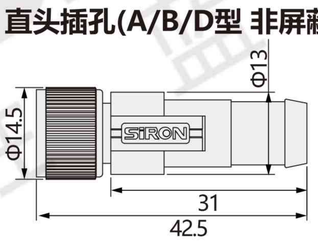


外形图 Outline

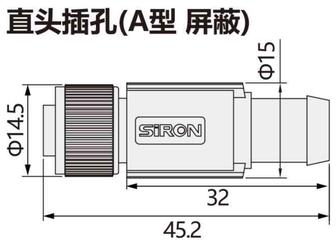
型号 Model	说明 instruction	外形图 Dimensions	
X237-04AA/DA X237-05AA/BA X237-08AA	直头孔端转直头孔端 Straight head hole end to straight head hole end	非屏蔽 	屏蔽 
X237-04AB/DB X237-05AB/BB X237-08AB	弯头孔端转直头孔端 Bend hole end to straight head hole end	非屏蔽 	屏蔽 
X237-04AC/DC X237-05AC/BC X237-08AC	弯头孔端转弯头孔端 Straight pin end to straight pin end	非屏蔽 	屏蔽 
X237-04AD/DD X237-05AD/BD X237-08AD	直头孔端转散线 Straight end hole turning scattered line	非屏蔽 	屏蔽 
X237-04AE/DE X237-05AE/BE X237-08AE	弯头孔端转散线 Bend hole end diversion line	非屏蔽 	屏蔽 
X237-08XAS	直头孔端转直头孔端 Straight head hole end to straight head hole end		
X237-08XDS	直头孔端转散线 Straight end hole turning scattered line		

接头尺寸 Connector size

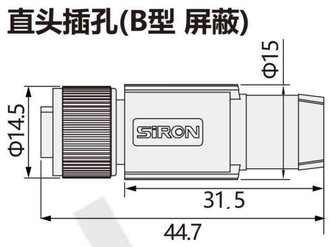
直头插孔(A/B/D型 非屏蔽)



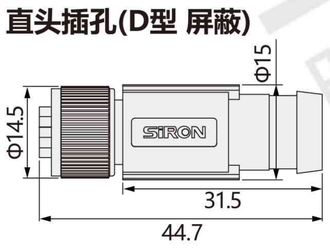
直头插孔(A型 屏蔽)



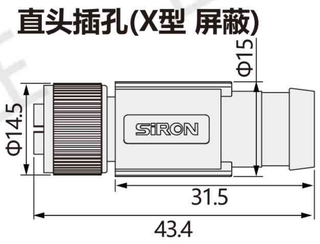
直头插孔(B型 屏蔽)



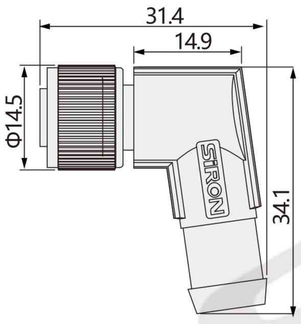
直头插孔(D型 屏蔽)



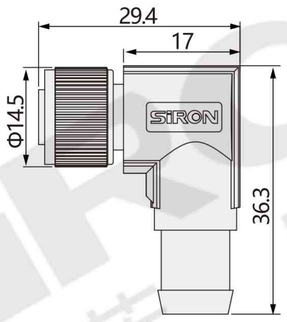
直头插孔(X型 屏蔽)



弯头插孔(A/B/D型 非屏蔽)



弯头插孔(A/B/D型 屏蔽)



分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

M12
I/O预铸连接线
插针插孔互转型

I/0プレキャスト接続ライン

I/O Connection line



X237-04A2



X237-04A6



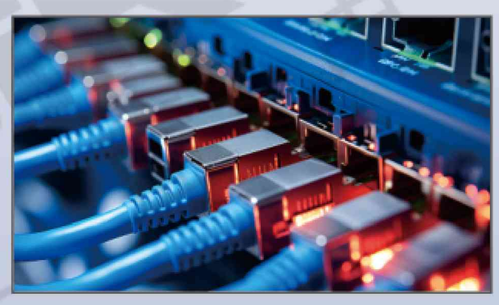
X237-04A4



X237-08X2S

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | IP67 | 寿命长 | 抗干扰

特点 Features

* 损耗小，抗干扰，导电优良；
* 耐磨损，抗拉伸持久耐用；
* 传输稳定使用寿命长。

＊損失が少なく、干渉に強く、導電性に優れている;
＊耐摩耗、耐ストレッチ耐久性;
＊伝送が安定して寿命が長い。

* Low loss, anti-interference, excellent conductivity;
* Wear-resistant, stretch-resistant and durable;
* Stable transmission and long service life.

关于选型 About selection

X237 – 04 A 2 □ – □

⑥ 长度(可定制) Length (customizable)
⑤ 线材 例:空白表示PVC, S表示屏蔽,T表示拖链, ST表示屏蔽拖链 For example, blank space means PVC, S means shield, T means e-chain®, ST means shielded e-chain®
④ 产品类型(*见表一) Product Type (*see Table 1)
③ 连接器类型,例:A表示A型, B表示B型, D表示D型, X表示X型 Connector type, e.g. A for type A, B for type B, D for type D, X for type X
② 芯数, 例:04表示4芯, 05表示5芯, 08表示8芯 Number of cores, e.g. 04 means 4 cores, 05 means 5 cores, 08 means 8 cores
① X237系列 X237 series

表一：产品类型 Table 1:Product Type

2	直头针式,直头孔式 Straight head needle, straight head hole	6	弯头针式,直头孔式 Elbow pin, straight hole
4	直头针式,弯头孔式 Straight needle type, elbow hole type	7	弯头针式,弯头孔式 Elbow pin, elbow hole

选型举例：X237-04A2 表示 X237系列，芯数为4芯，连接器类型A型，产品类型为直头针式,直头孔式，PVC非屏蔽。
X237-04A2S 表示 X237系列，芯数为4芯，连接器类型A型，产品类型为直头针式,直头孔式，PVC屏蔽。

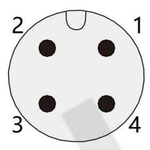
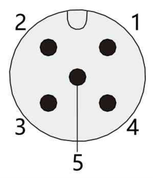
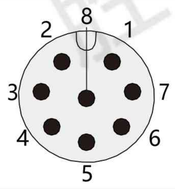
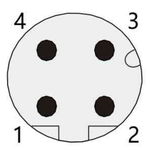
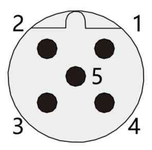
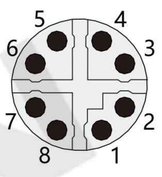
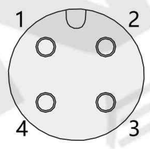
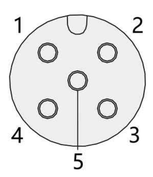
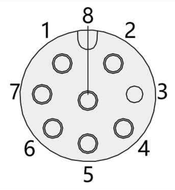
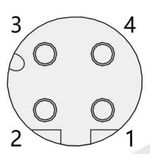
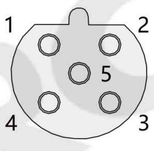
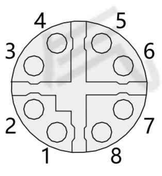
Selection example: X237-04A2 represents X237 series, the number of cores is 4, the connector type is type A, the product type is straight pin type, straight head hole type, PVC unshielded.
X237-04A2S means X237 series, the number of pins is 4, the connector type is type A, the product type is straight pin type, straight head hole type, PVC shielding.

注：B型仅5芯可选，拖链线材为PUR材质。Note: Type B is only available with 5 cores, and the e-chain® wire is made of PUR.

规格参数 Specifications

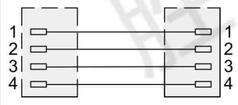
名称 Name	M12 I/O预铸连接线 M12 I/O Connection line					
芯数 Number of cores	4芯		5芯		8芯	
类型 Type	A型	D型	A型	B型	A型	X型
型号 Model	X237-04A2	X237-04D2	X237-05A2	X237-05B2	X237-08A2	X237-08X2S
	X237-04A6	X237-04D6	X237-05A6	X237-05B6	X237-08A6	/
	X237-04A4	X237-04D4	X237-05A4	X237-05B4	X237-08A4	/
	X237-04A7	X237-04D7	X237-05A7	X237-05B7	X237-08A7	/
线材外径 Wire outer diameter	4.8mm		5.2mm		6.0/6.7mm	
缆线规格 Cable specifications	4C*0.34mm²		5C*0.34mm²		8C*0.25mm²	
工作电压 Operating Voltage	最大250V		最大60V		最大60V	
防护等级 Protection level	IP67		IP67		IP67	
线缆外被 Cable jacket	PVC PUR		PVC PUR		PVC PUR	

正视图 View from front

类型 Type	A型	A型	A型	D型	B型	X型
芯数 Number of cores	4芯	5芯	8芯	4芯	5芯	8芯
针型 Needle type						
孔型 Hole pattern						

接线图 Wiring diagram

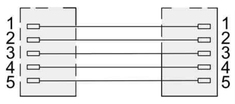
X237-04A2/D2/A6/D6/A4/D4/A7/D7



孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

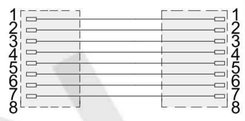
X237-05A2/B2/A6/B6/A4/B4/A7/B7



孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

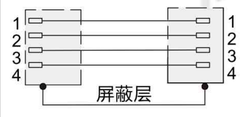
X237-08A2/A6/A4/A7



孔位-导线颜色对应表

孔位	1	2	3
颜色	白	棕	绿
孔位	4	5	6
颜色	黄	灰	粉
孔位	7	8	
颜色	蓝	红	

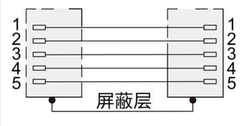
X237-04A2S/D2S/A6S/D6S/A4S/D4S/A7S/D7S



孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

X237-05A2S/B2S/A6S/B6S/A4S/B4S/A7S/B7S



孔位-导线颜色对应表

孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

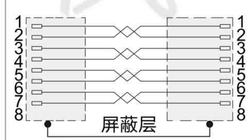
X237-08A2S/A6S/A4S/A7S



孔位-导线颜色对应表

孔位	1	2	3
颜色	白	棕	绿
孔位	4	5	6
颜色	黄	灰	粉
孔位	7	8	
颜色	蓝	红	

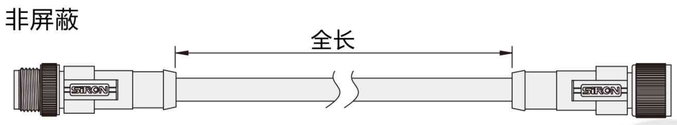
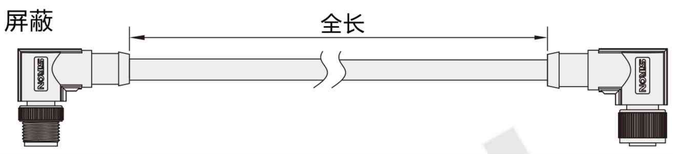
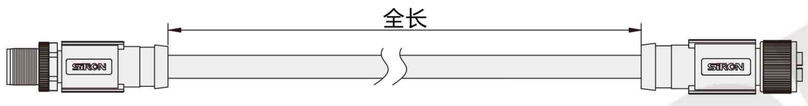
X237-08X2S



孔位-导线颜色对应表

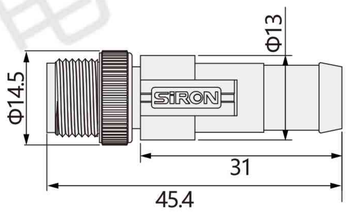
孔位	1	2	3
颜色	白橙	橙	白绿
孔位	4	5	6
颜色	绿	白棕	棕
孔位	7	8	
颜色	白蓝	蓝	

外形图 Outline

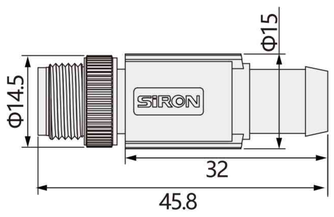
型号 Model	说明 instruction	外形图 Dimensions	
X237-04A2/D2 X237-05A2/B2 X237-08A2	直头针端转直头孔端 Straight pin end to straight hole end	非屏蔽 	屏蔽 
X237-04A6/D6 X237-05A6/B6 X237-08A6	弯头针端转直头孔端 Bend needle end to straight head hole end	非屏蔽 	屏蔽 
X237-04A4/D4 X237-05A4/B4 X237-08A4	直头针端转弯头孔端 Straight pin end, turning head hole end	非屏蔽 	屏蔽 
X237-04A7/D7 X237-05A7/B7 X237-08A7	弯头针端转弯头孔端 Bend needle end, bend head hole end	非屏蔽 	屏蔽 
X237-08X2S	直头针端转直头孔端 Straight pin end to straight hole end		

接头尺寸 Connector size

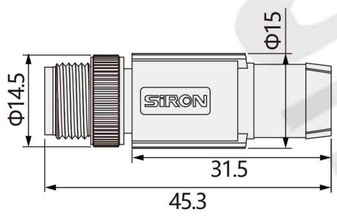
直头插针(A/B/D型 非屏蔽)



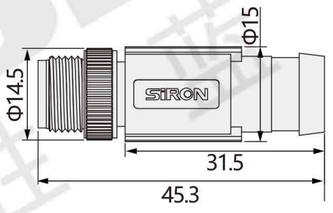
直头插针(A型 屏蔽)



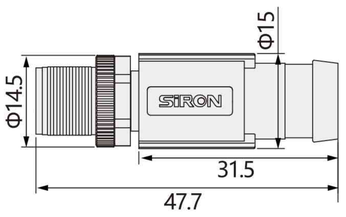
直头插针(B型 屏蔽)



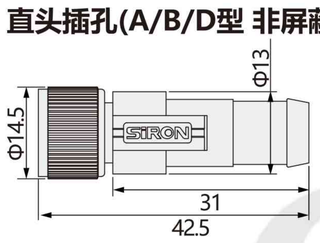
直头插针(D型 屏蔽)



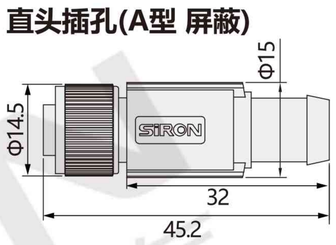
直头插针(X型 屏蔽)



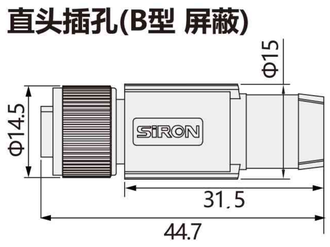
直头插孔(A/B/D型 非屏蔽)



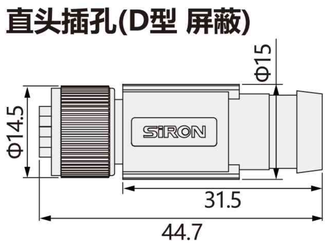
直头插孔(A型 屏蔽)



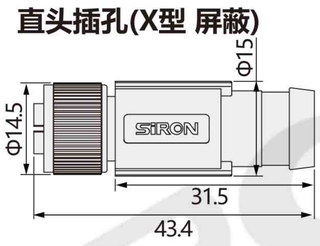
直头插孔(B型 屏蔽)



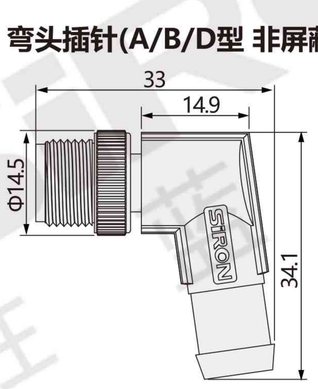
直头插孔(D型 屏蔽)



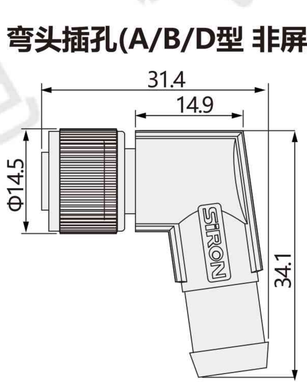
直头插孔(X型 屏蔽)



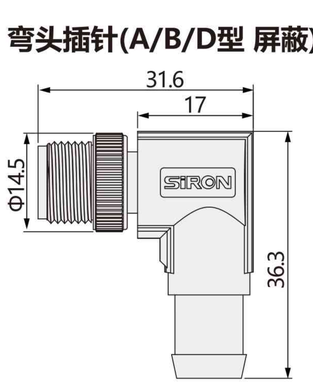
弯头插针(A/B/D型 非屏蔽)



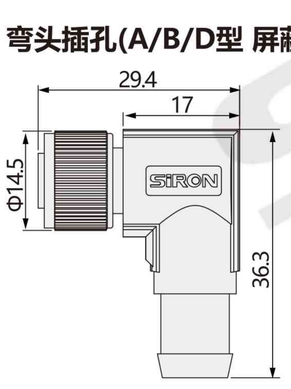
弯头插孔(A/B/D型 非屏蔽)



弯头插针(A/B/D型 屏蔽)



弯头插孔(A/B/D型 屏蔽)



M12
I/O预铸连接线
插针插孔转RJ45型

I/0プレキャスト接続ライン
I/O Connection line



X237-04AFS



X237-04AGS



X237-04AHS



X237-04AJS

RoHS | IP67 | 寿命长 | 抗干扰

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



特点 Features

* 损耗小，抗干扰，导电优良；
* 耐磨损，抗拉伸持久耐用；
* 传输稳定使用寿命长。

* 損失が少なく、干渉に強く、導電性に優れている;
* 耐摩耗、耐ストレッチ耐久性;
* 伝送が安定して寿命が長い。

* Low loss, anti-interference, excellent conductivity;
* Wear-resistant, stretch-resistant and durable;
* Stable transmission and long service life.

关于选型 About selection

X237 – 04 A F S – ⑥

⑥ 长度(可定制) Length (customizable)
⑤ 线材 例:空白表示PVC,S表示屏蔽,T表示拖链, ST表示屏蔽拖链 For example, blank space means PVC, S means shield, T means e-chain®, ST means shielded e-chain®
④ 产品类型(*见表一) Product Type (*see Table 1)
③ 连接器类型,例:A表示A型, D表示D型, X表示X型 Connector type, e.g. A for type A, B for type D, D for type X
② 芯数, 例:04表示4芯, 08表示8芯 Number of cores, e.g. 04 means 4 cores, 05 means 5 cores, 08 means 8 cores
① X237系列 X237 series

表一：产品类型 Table 1:Product Type

F	直头针式,直RJ45 Straight pin type, straight RJ45	H	直头孔式,直RJ45 Straight hole type, straight RJ45
G	弯头针式,直RJ45 Bend pin type, straight RJ45	J	弯头孔式,弯RJ45 Bend hole type, bend RJ45

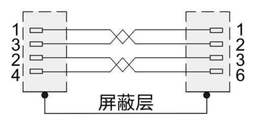
选型举例：X237-04AFS 表示 X237系列，芯数为4芯，连接器类型A型，产品类型为直头针式,RJ45，屏蔽。
Selection example: X237-04AFS represents X237 series, the number of cores is 4, the connector type is type A, the product type is straight pin type, RJ45, shielded.
注：拖链线材为PUR材质。 Note: The e-chain® wire is made of PUR.

规格参数 Specifications

名称 Name	M12 I/O预铸连接线 M12 I/O Connection line			
芯数 Number of cores	4芯/4芯拖链		8芯/8芯拖链	
类型 Type	A型	D型	A型	X型
型号 Model	X237-04AFS	X237-04DFS	X237-08AFS	X237-08XFS
	X237-04AGS	X237-04DGS	X237-08AGS	/
	X237-04AHS	X237-04DHS	X237-08AHS	X237-08XHS
	X237-04AJS	X237-04DJS	X237-08AJS	/
线材外径 Wire outer diameter	5mm/6mm		6.0mm/6.7mm	
缆线规格 Cable specifications	26AWG/2P		26AWG/4P	
工作电压 Operating Voltage	最大30V		最大30V	
防护等级 Protection level	IP67		IP67	
线缆外被 Cable jacket	PVC/PUR		PVC/PUR	

接线图 Wiring diagram

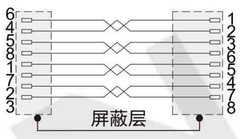
X237-04AFS/DFS/AGS/DGS/AHS/DHS/AJS/DJS



孔位-导线颜色对应表

孔位	1	3/2	2/3
颜色	白 橙	橙	白 绿
孔位	4/6		
颜色	绿		

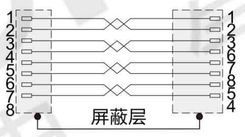
X237-08AFS/AGS/AHS/AJS



孔位-导线颜色对应表

孔位	6/1	4/2	5/3	8/6
颜色	白 橙	橙	白 绿	绿
孔位	1/5	7/4	2/7	3/8
颜色	白 蓝	蓝	白 棕	棕

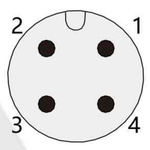
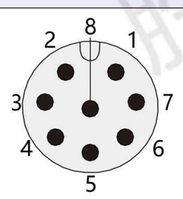
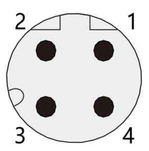
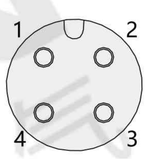
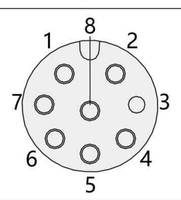
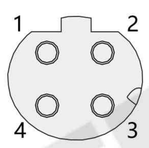
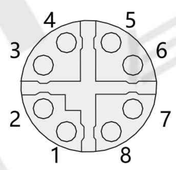
X237-08XFS/XHS



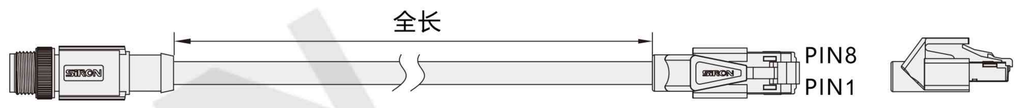
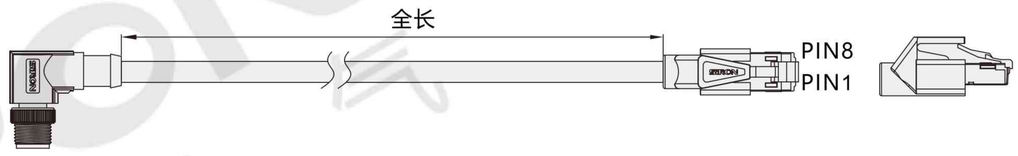
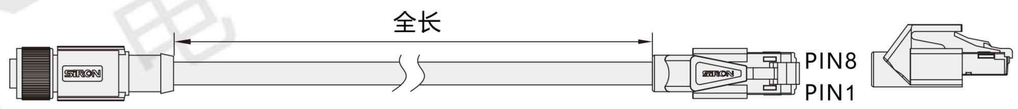
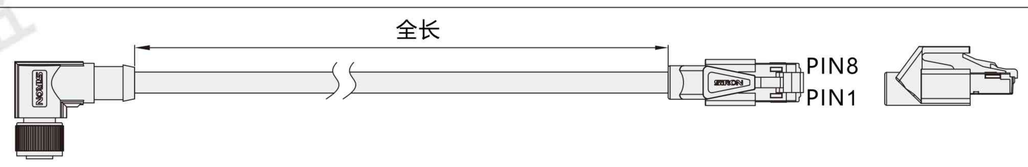
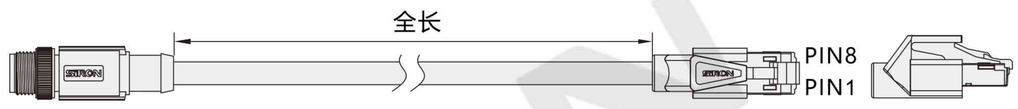
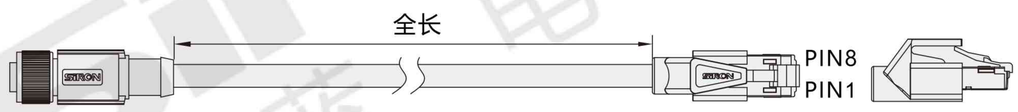
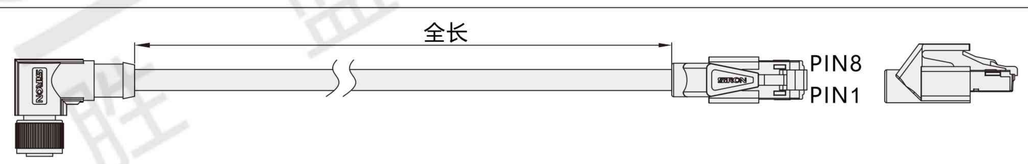
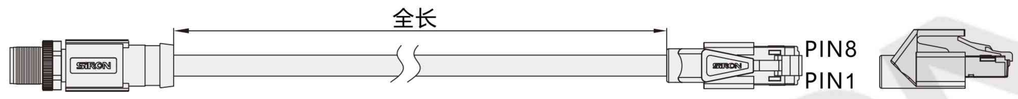
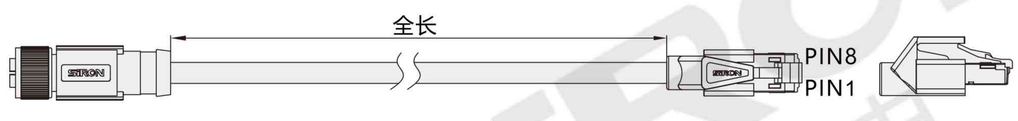
孔位-导线颜色对应表

孔位	1	2	3	4/6
颜色	白 橙	橙	白 绿	绿
孔位	5/7	6/8	7/5	8/4
颜色	白 棕	棕	白 蓝	蓝

正视图 View from front

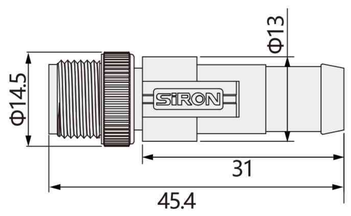
类型 Type	A型	A型	D型	X型
芯数 Number of cores	4芯	8芯	4芯	8芯
针型 Needle type				
孔型 Hole pattern				

外形图 Outline

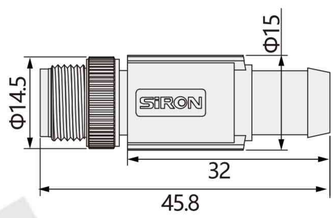
型号 Model	说明 instruction	外形图 Dimensions
X237-04AFS **X237-04DFS**	直头针端转RJ45水晶头 Direct pin end to RJ45 crystal head	
X237-04AGS **X237-04DGS**	弯头针端转RJ45水晶头 Bend needle end to RJ45 crystal head	
X237-04AHS **X237-04DHS**	直头孔端转RJ45水晶头 Straight hole end to RJ45 crystal head	
X237-04AJS **X237-04DJS**	弯头孔端转RJ45水晶头 Bend hole end to RJ45 crystal head	
X237-08AFS	直头针端转RJ45水晶头 Direct pin end to RJ45 crystal head	
X237-08AGS	弯头针端转RJ45水晶头 Bend needle end to RJ45 crystal head	
X237-08AHS	直头孔端转RJ45水晶头 Straight hole end to RJ45 crystal head	
X237-08AJS	弯头孔端转RJ45水晶头 Bend hole end to RJ45 crystal head	
X237-08XFS	直头针端转RJ45水晶头 Direct pin end to RJ45 crystal head	
X237-08XHS	直头孔端转RJ45水晶头 Straight hole end to RJ45 crystal head	

接头尺寸 Connector size

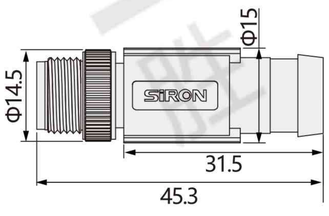
直头插针(A/D型 非屏蔽)



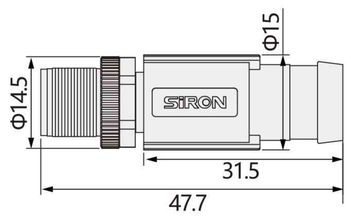
直头插针(A型 屏蔽)



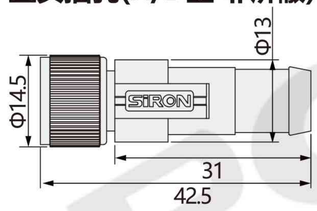
直头插针(D型 屏蔽)



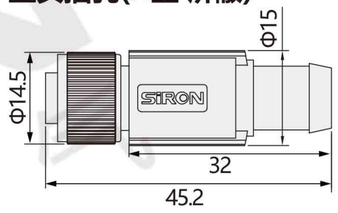
直头插针(X型 屏蔽)



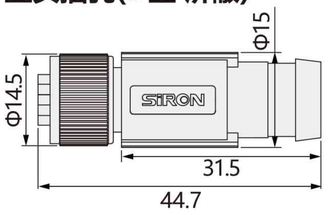
直头插孔(A/D型 非屏蔽)



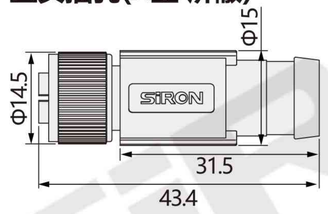
直头插孔(A型 屏蔽)



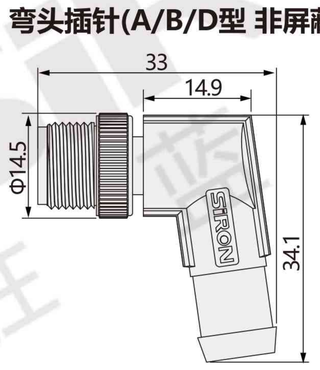
直头插孔(D型 屏蔽)



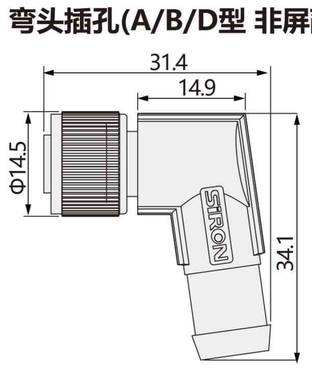
直头插孔(X型 屏蔽)



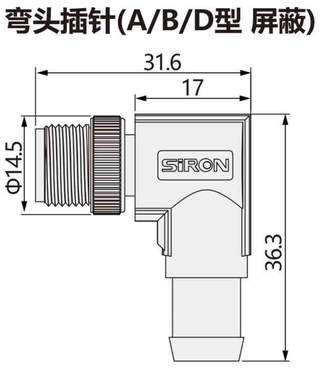
弯头插针(A/B/D型 非屏蔽)



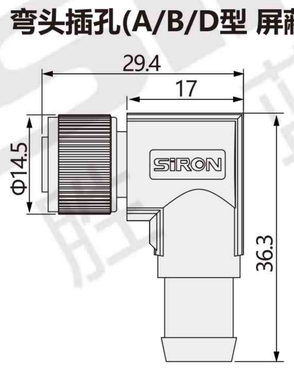
弯头插孔(A/B/D型 非屏蔽)



弯头插针(A/B/D型 屏蔽)



弯头插孔(A/B/D型 屏蔽)



I/O工业相机连接线系列
X239系列

I/0産業用カメラケーブルシリーズ
I/O industrial camera cable series



X239-1



X239-11



X239-12



X239-14

RoHS | 抗燃特性 | IP67 | 寿命长 | 抗干扰

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



特点 Features

* 符合工业相机和工业信号传输连接应用；
* 耐油耐弯曲屏蔽电缆，弯曲寿命 800 万次；
* TPU 或 PA 工程塑料注塑成型；
* 采用 UL 认证材料，符合 CE 和 RoHS 规范，具有抗燃特性 VW-1。

* 産業用カメラと産業用信号伝送接続応用に適合する、
* 耐油耐曲げシールドケーブル、曲げ寿命800万回、
* TPUまたはPAエンジニアリングプラスチック射出成形、
* UL認証材料を採用し、CEとRoHS規格に適合し、耐燃性VW-1を有する。

* Compliant with industrial camera and industrial signal transmission connection applications;
* Oil resistant and bending resistant shielded cable, with a bending life of 8 million times;
* TPU or PA engineering plastic injection molding;
* Adopting UL certified materials, complying with CE and RoHS regulations, and possessing VW-1 flame retardant properties.

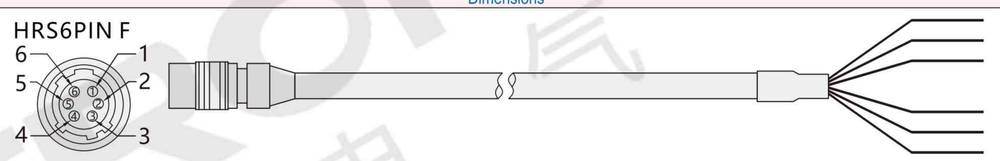
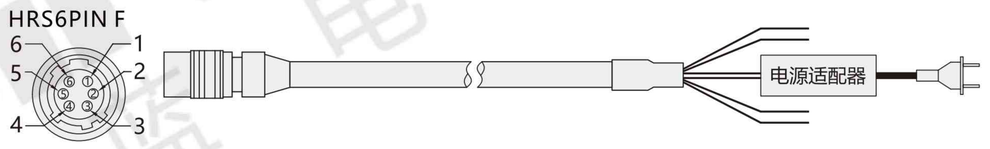
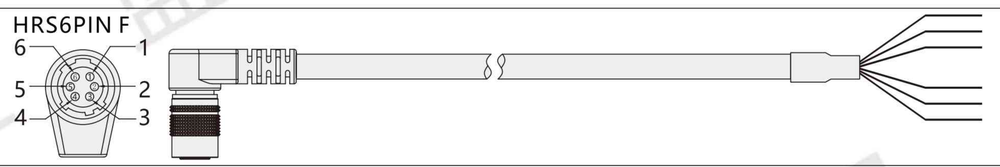
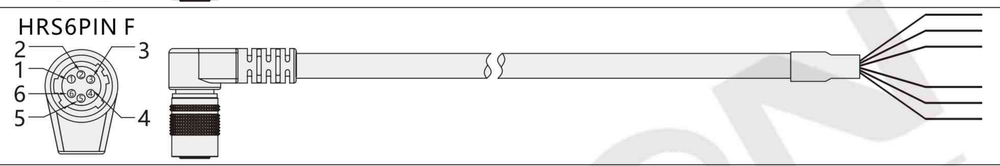
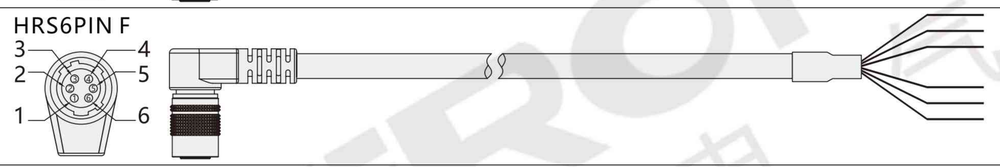
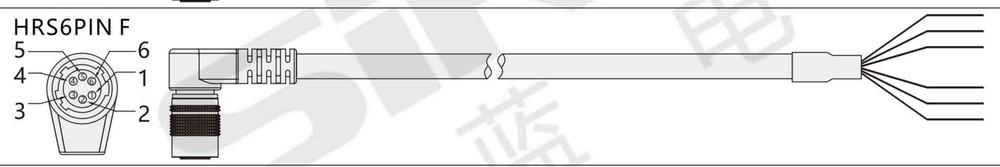
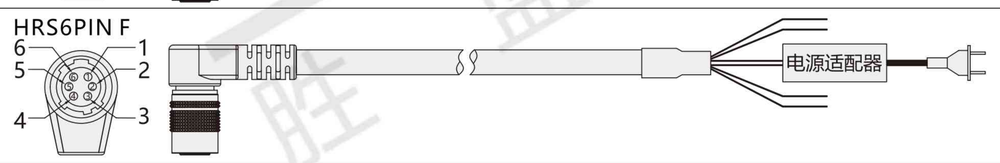
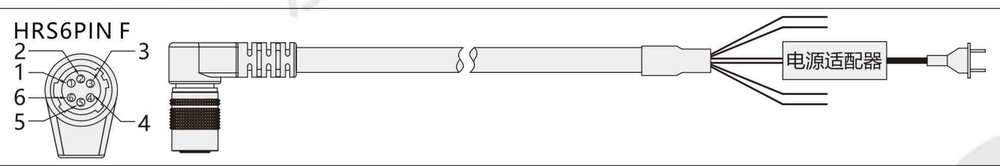
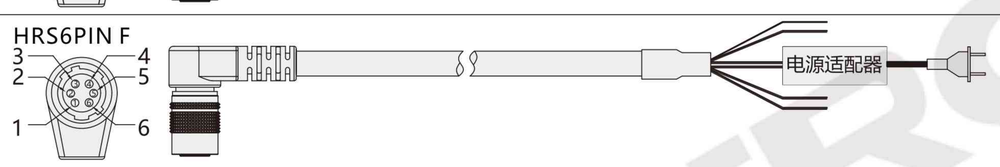
订货范例 Order

X239 — 1 — 1000

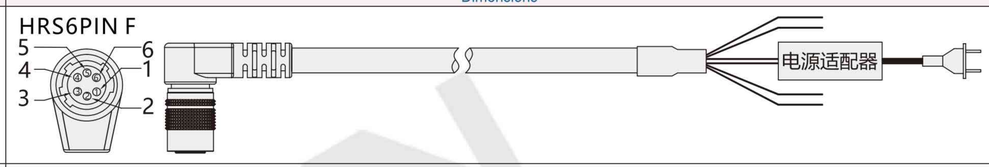
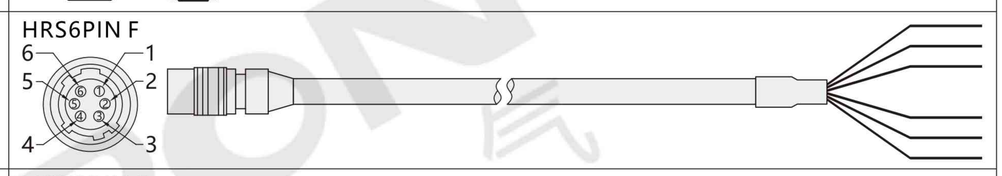
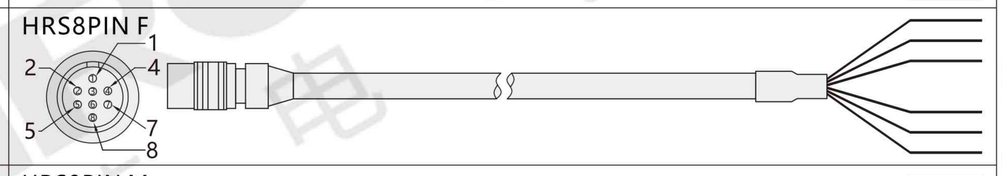
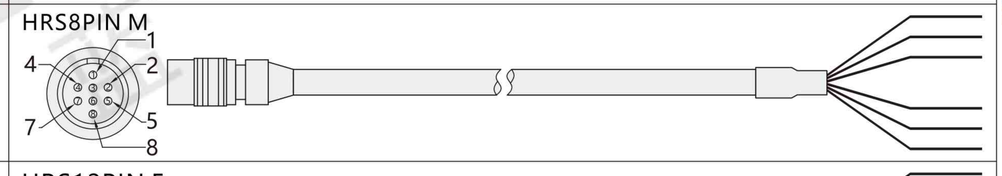
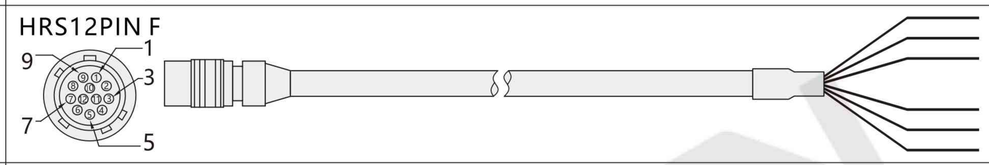
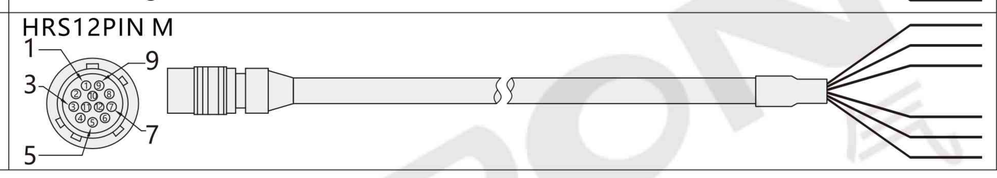
- X239：I/O工业相机连接线系列 (I/O industrial camera cable series)
- 1：序号 (Serial number)
- 1000：长度 (Length(m))

注意：如需使用高柔拖链线材，请在后面加“T”例：X239-1T-1000;
Notice: If you need to use high flexibility drag chain wire, please add "T" after it. Example: X239-1T-1000;

缆线规格 Cable specification

型号 Model	说明 instruction	外形图 Dimensions	全长 Length(mm)
X239-1	6芯直型母头 6-core straight female head		注明：最短线长为1000mm,如需增加以500mm为单位递增。 Note: The minimum cable is 1000mm, and 1000mm for increasing if need.
X239-2	6芯直型母头 6-core straight female head		
X239-3	6芯0度直角型母头 6-core 0-degree right angle female head		
X239-4	6芯90度直角型母头 6-core 90 degree right angle female head		
X239-5	6芯180度直角型母头 6-core 180 degree right angle female head		
X239-6	6芯270度直角型母头 6-core 270 degree right angle female head		
X239-7	6芯0度直角型母头 6-core 0-degree right angle female head		
X239-8	6芯90度直角型母头 6-core 90 degree right angle female head		
X239-9	6芯180度直角型母头 6-core 180 degree right angle female head		

外形图 Outline

型号 Model	说明 instruction	外形图 Dimensions	全长 Length(mm)
X239-10	6芯270度直角型母头 6-core 270 degree right angle female head		**注明：** 最短线长为1000mm,如需增加以500mm为单位递增。 Note: The minimum cable is 1000mm, and 1000mm for increasing if need.
X239-11	6芯直型公头 6-core straight male head		
X239-12	8芯直型母头 8-core straight female head		
X239-13	8芯直型公头 8-core straight male head		
X239-14	12芯直型母头 12 core straight female head		
X239-15	12芯直型公头 12 core straight male head		

I/O工业相机连接线
I/O産業用カメラケーブル
I/O industrial camera cables

分类 Classification

- 以太网线 Ethernet cable
- I/O预铸连接线 I/O cable
- **相机线 Camera cable**
- PLC对应电缆线 PLC cable
- 伺服对应电缆线 Servo cable
- 各类纯线材 Pure wire
- 辅助连接器 Connector



严格生产 匠心工艺

Strict production, ingenuity and craftsmanship



精选铜芯

Selected copper

内部选用优良铜芯，不易生锈
导电性好，使用寿命长

The internal use of excellent copper core, not easy to rust,good electrical conductivity and long service life



优质线材

High-quality wires

柔软PVC环保线材，韧性强，
减少线材受损

Soft PVC environmental protection wire, strong toughness,reduces wire damage



耐折耐弯曲

Resistant to bending and bending

线缆耐折、抗拉、耐弯曲，能够很好地提高布线效率

The cable is resistant to bending, tensile and bending,It is good enough to improve the efficiency of wiring



低偏芯率

Low eccentricity rate

用先进设备严格生产，保证电线低偏芯率，防止击穿不漏电

Strictly produced with advanced equipment, ensure low eccentricity of wires,prevent breakdown and no leakage



多年行业经验保障产品质量 · 从材料到成品做好每个细节

Years of industry experience to ensure product quality · From the material to the finished product, every detail is done

PLC对应电缆线

PLC corresponds to cables

强韧耐拉，适配主流品牌

Strong and durable, suitable for mainstream brands

强韧耐用　精选铜材　坚固耐磨　使用稳定　安全耐热

产品细节 Application industry









标配插头外壳，整体颜色协调美观

With standard plug cover, and all colors march together and beautiful

提供单头，双头缆线，适用场合范围宽广

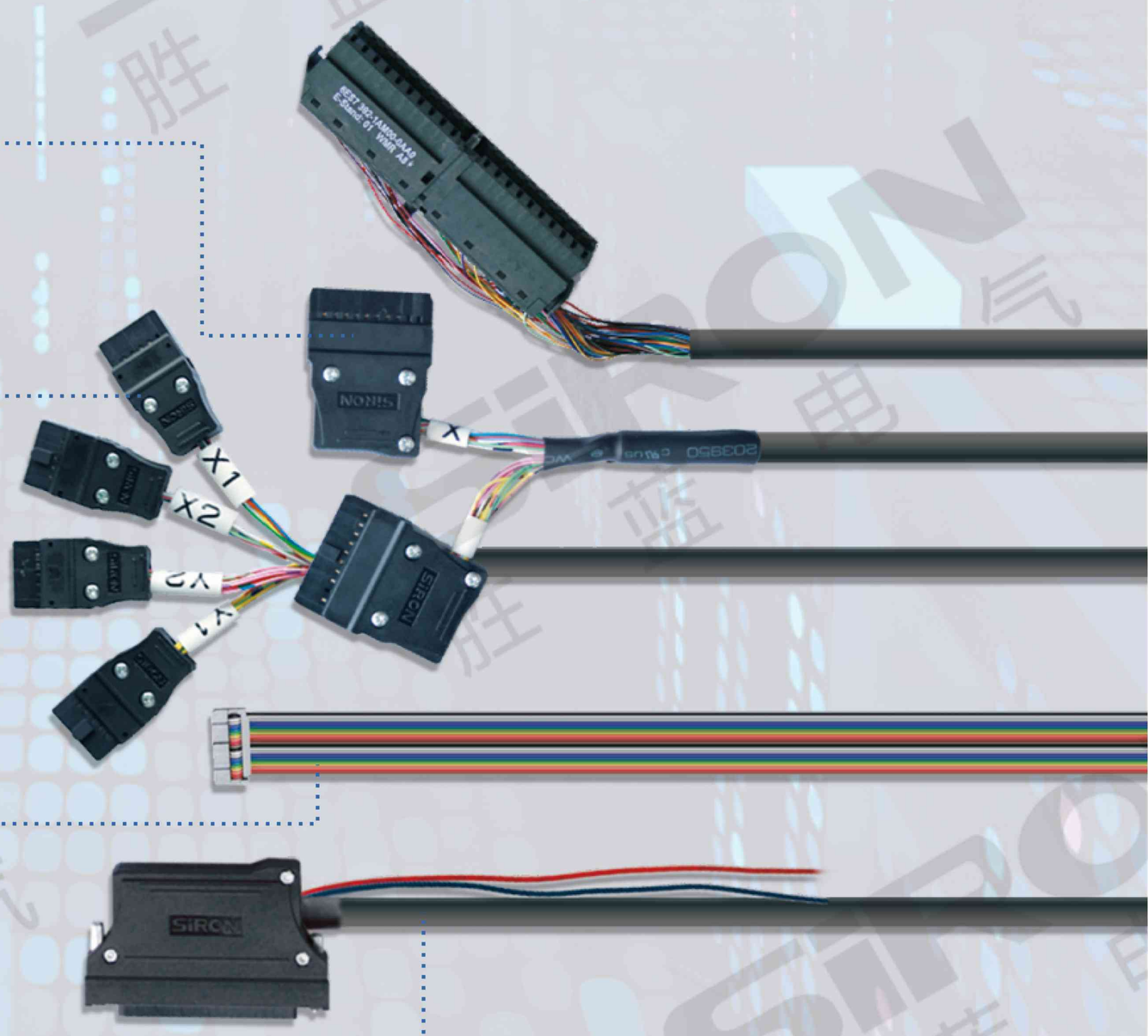
Supplies single cable and double cable which can be applicable to many different situations

彩色线，颜色容易区分，更直观

Color cable, color easy to distinguish, the more intuitive

电缆采用小径导体，柔软外被制作，抗弯曲性能良好

Used path conductor and cable is covered by soft materials, also with good flexural performance

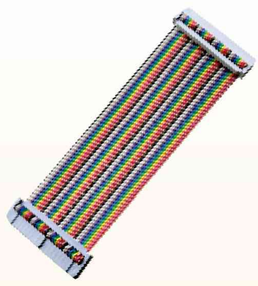


彩排线
X200系列

フラットケーブル
Ribbon Cable


X200-1


X200-2


X200-3


X200-4


X200-5


X200-6

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS　省空间　PLC　电箱配线

特点 Features

* 有单头、双头线提供，适用更多场合，彩色线，颜色容易区分，更直观；
* 准备了各种连接器和端子台，供您组合使用。

＊単頭、双頭の線があって提供しますので、もっと多い場所を適用できます，カラー線、色は区分しやすくて、更にハッキリしております;
＊各種のコネクタと端子台は、ご利用の方に組合せに使うように用意しております。

* A single head, double provide line, more applicable occasions，color line, color easy to distinguish, the more intuitive;
* prepared all kinds of connectors and terminal set, for your combination to use.

插头规格 Plug specifications

最大电流 Maximum current	1A
最大电压 Maximum voltage	300V
耐电压 Withstand voltage	100V/min
材质 Material	外壳：PBT+30%G.F；导体：铜合金
温度范围 Temperature range	-55℃～+125℃

缆线规格 Cable specification

UL No.	2651
AWG尺寸 AWG size	28
导体材质 Conductor material	镀锡铜
绝缘体材质 Insulation material	PVC
耐电压 Withstand voltage	300V/min
温度范围 Temperature range	105℃以下

端口对应列表 Port corresponding list

型号 Model	CN1对应*1 Corresponding to CN1		CN2对应 Corresponding to CN2	型号 Model	CN1对应*1 Corresponding to CN1		CN2对应 Corresponding to CN2
	品牌 Brand	模块 Module	端子台*2 Terminal Blocks		品牌 Brand	模块 Module	端子台*2 Terminal Blocks
X200-1	不限 No limit	不限 No limit	T系列、Y系列	X200-4	不限 No limit	不限 No limit	T000、T024、T034、T063、T062、T065
X200-1D			无	X200-4D			
X200-2			T022、T032	X200-5			T807
X200-2D			无	X200-5D			
X200-3			T023、T033、T061	X200-6			无
X200-3D			无	X200-6D			

- 彩排线的CN1插头可以对应所有同样P数的MIL插口PLC或其它控制器。
  Dress rehearsal line CN1 plug can corresponding all the same number of P MIL jack PLC or other controller.
- 表中所列端子台产品为胜蓝公司产品，相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

注意事项 note

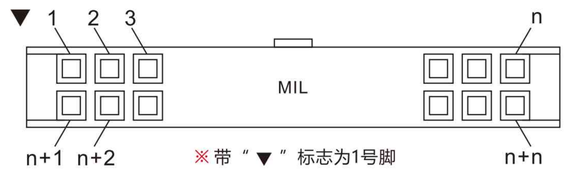
- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X200 — 1 — 1000

- X200：彩排线 Ribbon Cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

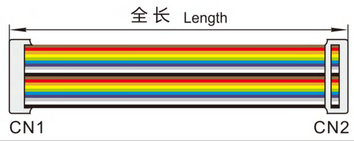
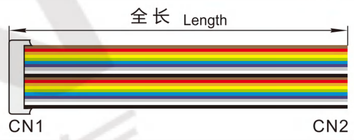
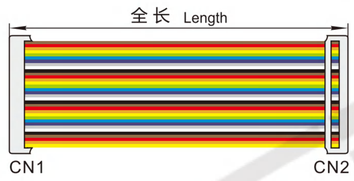
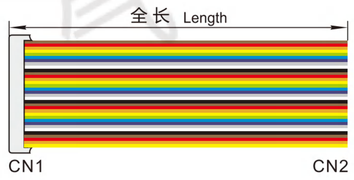
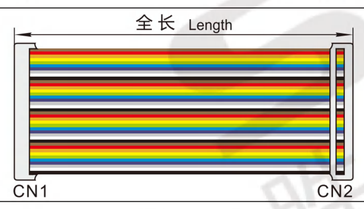
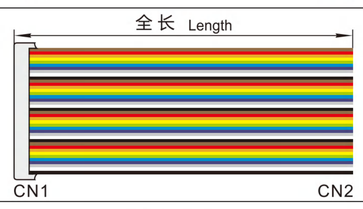
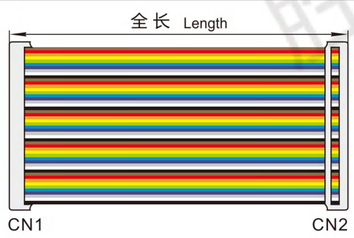
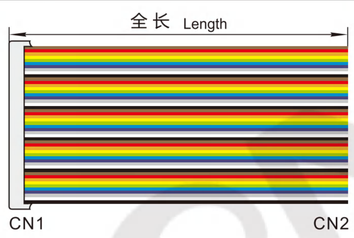
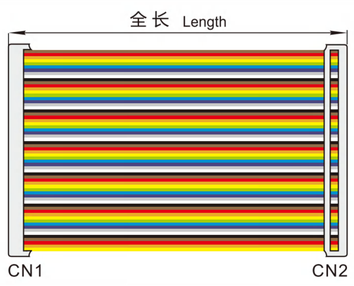
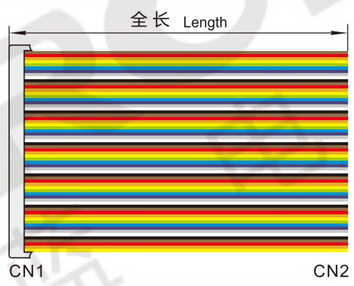
孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X200-1		CN1:10P/MIL	CN2:10P/MIL	X200-1D		CN1:10P/MIL	CN2: 无	1000 1500
X200-2		CN1:20P/MIL	CN2:20P/MIL	X200-2D		CN1:20P/MIL	CN2: 无	
X200-3		CN1:34P/MIL	CN2:34P/MIL	X200-3D		CN1:34P/MIL	CN2: 无	
X200-4		CN1:40P/MIL	CN2:40P/MIL	X200-4D		CN1:40P/MIL	CN2: 无	
X200-5		CN1:50P/MIL	CN2:50P/MIL	X200-5D		CN1:50P/MIL	CN2: 无	
X200-6		CN1:64P/MIL	CN2:64P/MIL	X200-6D		CN1:64P/MIL	CN2: 无	

注明:

标准长度为：1000mm、1500mm两种规格，如有其它长度需求，必须以1000mm为单位递增，具体请联系我们。

Standard length: 1000mm and 1500mm two kinds of specifications, as have other length should be, be in 1000mm for increasing unit, specific please contact us.

电路图 Wiring Diagram

X200-1

全线直接

1 —— 1
2 —— 2
~ ~
10 —— 10

X200-1D

全线直接

1 ——
2 ——
~
10 ——

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑

X200-2

全线直接

1 —— 1
2 —— 2
~ ~
20 —— 20

X200-2D

全线直接

1 ——
2 ——
~
20 ——

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	11	12	13	14	15	16	17	18	19	20
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑

X200-3

全线直接

1 —— 1
2 —— 2
3 —— 3
~ ~
33 —— 33
34 —— 34

X200-3D

全线直接

1 ——
2 ——
3
~
33 ——
34 ——

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	11	12	13	14	15	16	17	18	19	20
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	21	22	23	24	25	26	27	28	29	30
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	31	32	33	34						
颜色	棕	橙	绿	紫						

X200-4

全线直接

1 —— 1
2 —— 2
3 —— 3
~ ~
39 —— 39
40 —— 40

X200-4D

全线直接

1 ——
2 ——
3
~
39 ——
40 ——

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	11	12	13	14	15	16	17	18	19	20
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	21	22	23	24	25	26	27	28	29	30
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑

X200-5

全线直接

1 —— 1
2 —— 2
3 —— 3
~ ~
49 —— 49
50 —— 50

X200-5D

全线直接

1 ——
2 ——
3
~
49 ——
50 ——

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	11	12	13	14	15	16	17	18	19	20
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	21	22	23	24	25	26	27	28	29	30
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	41	42	43	44	45	46	47	48	49	50
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑

X200-6

全线直接

1 —— 1
2 —— 2
3 —— 3
~ ~
49 —— 49
50 —— 50
64 —— 64

X200-6D

全线直接

1 ——
2 ——
3
~
49 ——
50 ——
64 ——

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	11	12	13	14	15	16	17	18	19	20
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	21	22	23	24	25	26	27	28	29	30
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	41	42	43	44	45	46	47	48	49	50
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	51	52	53	54	55	56	57	58	59	60
颜色	棕	橙	绿	紫	白	红	黄	蓝	灰	黑
孔位	61	62	63	64						
颜色	棕	橙	绿	紫						

胜蓝多芯电缆线线芯色表 Shenglan multi-core cable core color table

分类
Classification

以太网线
Ethernet cable

I/O预铸连接线
I/O cable

相机线
Camera cable

PLC对应电缆线
PLC cable

伺服对应电缆线
Servo cable

各类纯线材
Pure wire

辅助连接器
Connector

孔位 Hole position	颜色 Color
1	黑 Black
2	棕 Brown
3	红 Red
4	橙 Orange
5	黄 Yellow
6	绿 Green
7	蓝 Blue
8	紫 Purple
9	灰 Grey
10	白 White
11	浅绿 Light green
12	浅蓝 Light blue
13	粉红 Pink
14	白注黑 White injects black
15	白注棕 White injects brown
16	白注红 White injects red
17	白注橙 White injects orange
18	白注黄 White injects yellow
19	白注绿 White injects green
20	白注蓝 White injects blue
21	白注紫 White injects purple
22	白注灰 White injects grey
23	黄注黑 Yellow injects black
24	黄注棕 Yellow injects brown
25	黄注红 Yellow injects red
26	黄注橙 Yellow injects orange
27	黄注蓝 Yellow injects blue
28	黄注紫 Yellow injects purple
29	黄注灰 Yellow injects grey
30	粉红黑 Pink injects black
31	粉红棕 Pink injects brown
32	粉红橙 Pink injects orange
33	粉红黄 Pink injects yellow
34	粉红绿 Pink injects green

胜蓝多芯电缆线线芯色表 Shenglan multi-core cable core color table

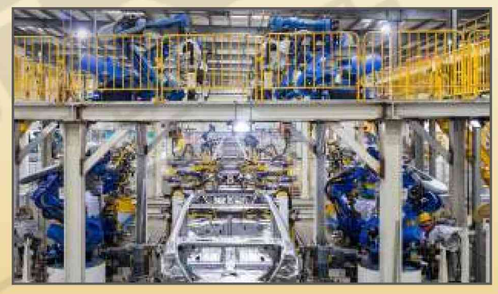
孔位 Hole position	颜色 Color	
35	粉红蓝 Pink injects blue	
36	粉红紫 Pink injects purple	
37	粉红灰 Pink injects grey	
38	粉红白 Pink injects white	
39	浅绿黑 Light green injects black	
40	浅绿棕 Light green injects brown	
41	浅绿红 Light green injects red	
42	浅绿橙 Light green injects orange	
43	浅绿黄 Light green injects yellow	
44	浅绿紫 Light green injects purple	
45	浅绿灰 Light green injects grey	
46	浅绿白 Light green injects white	
47	浅蓝黑 Light blue injects black	
48	浅蓝棕 Light blue injects brown	
49	浅蓝红 Light blue injects red	
50	浅蓝橙 Light blue injects orange	
51	浅蓝黄 Light blue injects yellow	
52	浅蓝紫 Light blue injects purple	
53	浅蓝灰 Light blue injects grey	
54	浅蓝白 Light blue injects white	
55	棕注黑 Brown injects black	
56	棕注红 Brown injects red	
57	棕注绿 Brown injects green	
58	棕注蓝 Brown injects blue	
59	棕注紫 Brown injects purple	
60	棕注灰 Brown injects grey	
61	棕注白 Brown injects white	
62	黑注棕 Black injects brown	
63	黑注红 Black injects red	
64	黑注橙 Black injects orange	
65	黑注黄 Black injects yellow	
66	黑注绿 Black injects green	
67	黑注蓝 Black injects blue	
68	黑注灰 Black injects grey	

MIL电缆线
X210系列

MILケーブル
MIL Cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X210-1
X210-1T



X210-1R
X210-1RT



X210-2
X210-2T



X210-3
X210-3T



X210-4
X210-4T



X210-6

RoHS | 省空间 | PLC | 耐热 | 电箱配线

特点 Features

* 采用小径导体，柔软外被电缆制作，抗弯曲性能良好；
* 标配插头外壳，整体颜色协调、美观；
* 提供单头，双头缆线，适用场合范围宽广。

* 小径導体を採用して、ケーブルのカバはあわらかい材料で作られて、曲げには強い;
* プラグは標準仕様のカバー、全体の色は調和して、美観です;
* 単頭、双頭の線があって提供しますので、もっと多くの場所を適用できます。

* Used path conductor and cable is covered by soft materials, also with good flexural performance.
* With standard plug cover, and all colors march together and beautiful.
* Supplies single cable and double cable which can be applicable to many different situations.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体材料 Conductor material	软铜线
绝缘材料 Insulation materials	PE
芯线捻合 Twist and polishing	填充: 棉线； 包带;纸带
隔离 Isolation	无
外表被覆 Appearance condition coating	PVC
导体阻抗(20℃) Conductor impedance	239Ω/Kn 以下
耐电压(空中) Voltage resistance (air)	AC500V/min
绝缘抵抗(20℃) Insulation resistance	50MΩ/Kn 以上

端口对应列表 Port corresponding list

型号 Model	CN1对应[*1] Corresponding to CN1		CN2对应 Corresponding to CN2
	品牌 Brand	模块 Module	端子台[*2] Terminal Blocks
X210-1/1T	不限 No limit	不限 No limit	T系列、Y系列
X210-1R/1RT			
X210-2/2T			T022、T032
X210-3/3T			T023、T033、T061
X210-4/4T			T000、T024、T034、T063、T062、T065
X210-6			T807/T807-K
X210-1D/1DT	不限 No limit	不限 No limit	无
X210-1RD/1RDT			
X210-2D/2DT			
X210-3D/3DT			
X210-4D/4DT			
X210-6D			

- 电缆线的CN1插头可以对应所有同样P数的MIL插口PLC或其它控制器。
  Cable CN1 plug can be corresponding to the number of all the same P MIL jack PLC or other controller.
- 表中所列端子台产品为胜蓝公司产品，相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X210 — 1 — 1000

- X210：MIL电缆线 MIL cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”；如需使用拖链线材，请在型号后加“T”,详情请咨询相关销售人员。
Notice : The above is standard cable model. If you need the screen cables, Please sign “S” after the model. If you want to usethe chain wire, Please sign “T” after the model. Please contact sales for more details.

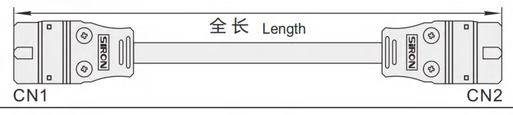
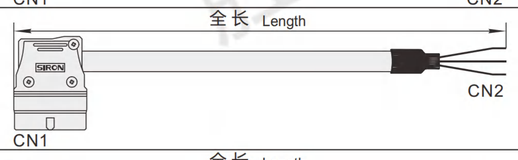
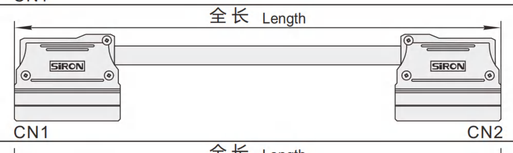
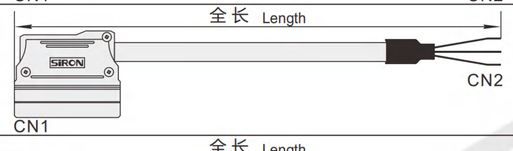
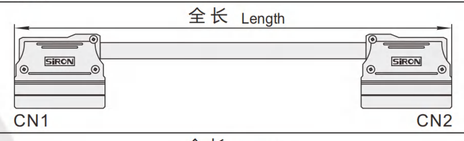
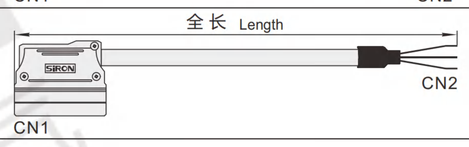
孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X210-1 X210-1T		10P/MIL	10P/MIL	1000 1500
X210-1D X210-1DT		10P/MIL	无	
X210-1R X210-1RT		10P/MIL	10P/MIL	
X210-1RD X210-1RDT		10P/MIL	无	
X210-2 X210-2T		20P/MIL	20P/MIL	
X210-2D X210-2DT		20P/MIL	无	
X210-3 X210-3T		34P/MIL	34P/MIL	
X210-3D X210-3DT		34P/MIL	无	
X210-4 X210-4T		40P/MIL	40P/MIL	
X210-4D X210-4DT		40P/MIL	无	
X210-6		50P/MIL	50P/MIL	
X210-6D		50P/MIL	无	

注明:

标准长度为：1000mm、1500mm两种规格，如有其他长度需求，必须以1000mm为单位递增，具体请联系我们。

Standard length: 1000mm and 1500mm two kinds of specifications, as have other length should be, be in 1000mm for increasing unit, specific please contact us.

电路图 Wiring Diagram

X210-1 / X210-1T 全线直接：1—1，2—2，～，10—10

X210-1D / X210-1DT 全线直接：1，2，～，10

孔位-导线颜色对应表

孔位	1	2	3	4	5
颜色	黑	棕	红	橙	黄
孔位	6	7	8	9	10
颜色	绿	蓝	紫	灰	白

X210-1R / X210-1RT 全线直接：1—1，2—2，～，10—10

X210-1RD / X210-1RDT 全线直接：1，2，～，10

孔位-导线颜色对应表

孔位	1	2	3	4	5
颜色	黑	棕	红	橙	黄
孔位	6	7	8	9	10
颜色	绿	蓝	紫	灰	白

X210-2 全线直接：1—1，2—2，～，20—20

X210-2D 全线直接：1，2，～，20

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7
颜色	黑	棕	红	橙	黄	绿	蓝
孔位	8	9	10	11	12	13	14
颜色	紫	灰	白	浅绿	浅蓝	粉红	白注黑
孔位	15	16	17	18	19	20	
颜色	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝	

X210-2T 全线直接：1—1，2—2，～，20—20

X210-2DT 全线直接：1，2，～，20

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7
颜色	黑	棕	红	橙	黄	绿	蓝
孔位	8	9	10	11	12	13	14
颜色	紫	灰	白	浅绿	浅蓝	粉红	白注黑
孔位	15	16	17	18	19	20	
颜色	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝	

X210-3 全线直接：1—1，2—2，3—3，～，33—33，34—34

X210-3D 全线直接：1，2，3，～，33，34

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34						
颜色	粉红棕	粉红橙	粉红黄	粉红绿						

X210-3T 全线直接：1—1，2—2，3—3，～，33—33，34—34

X210-3DT 全线直接：1，2，3，～，33，34

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34						
颜色	粉红棕	粉红橙	粉红黄	粉红绿						

X210-4 全线直接：1—1，2—2，3—3，～，39—39，40—40

X210-4D 全线直接：1，2，3，～，39，40

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫	粉红灰	粉红白	浅绿黑	浅绿棕

X210-4T 全线直接：1—1，2—2，3—3，～，39—39，40—40

X210-4DT 全线直接：1，2，3，～，39，40

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫	粉红灰	粉红白	浅绿黑	浅绿棕

X210-6 全线直接：1—1，2—2，3—3，～，49—49，50—50

X210-6D 全线直接：1，2，3，～，49，50

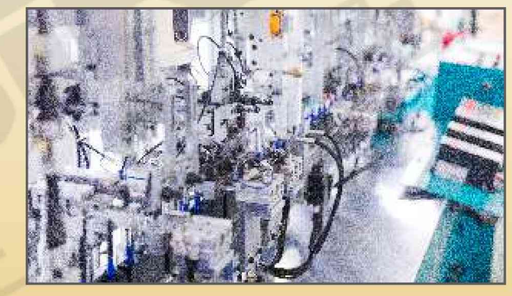
孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫	粉红灰	粉红白	浅绿黑	浅绿棕
孔位	41	42	43	44	45	46	47	48	49	50
颜色	浅绿红	浅绿橙	浅绿黄	浅绿紫	浅绿灰	浅绿白	浅蓝黑	浅蓝棕	浅蓝红	浅蓝橙

40P FCN转 MIL/FCN电缆线

X210系列

40PFCNからMIL ／ FCNケーブル
40P FCN to MIL/FCN Cable





X210-5



X210-8

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing

RoHS　省空间　PLC　耐热　电箱配线

特点 Features

* 采用小径导体，柔软外被电缆制作，抗弯曲性能良好；
* 标配插头外壳，整体颜色协调、美观；
* 提供单头，双头缆线，适用场合范围宽广。

* 小径導体を採用して、ケーブルのカバはあわらかい材料で作られて、曲げには強い；
* プラグは標準仕様のカバー、全体の色は調和して、美観です；
* 単頭、双頭の線があって提供しますので、もっと多くの場所を適用できます。

* Used path conductor and cable is covered by soft materials, also with good flexural performance.
* With standard plug cover, and all colors march together and beautiful.
* Supplies single cable and double cable which can be applicable to many different situations.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X210 — 5 — 1000

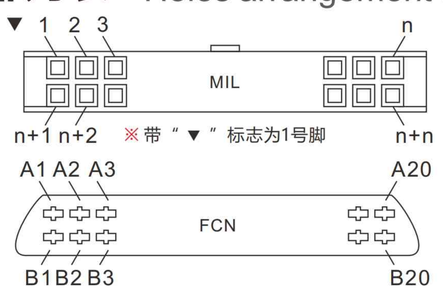
- X210：40P FCN转MIL/FCN电缆线 (40P FCN to MIL/FCN Cable)
- 5：序号 (Serial number)
- 1000：长度 (Length(mm))

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”，详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
  Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

型号 Model	CN1对应*1 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	品牌 Brand	模块 Module	端子台*2 Terminal Blocks	
X210-5	不限 No limit	不限 No limit	T024、T034	CN1插头可以对应所有同样P数的MIL插口PLC或其它控制器 CN1 plug can be corresponding to the number of all the same P MIL jack PLC or other controller
X210-5D			——	
X210-8			T024-F	

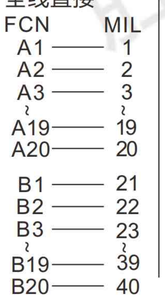
外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X210-5	全长 Length　CN1　CN2	CN1: 40P/FCN CN2: 40P/MIL		1000　1500 注明: 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes:The minimum cable is 1000mm,and 1000mm for increasing if need.
X210-5D	全长 Length　CN1　CN2	CN1: 40P/FCN		
X210-8	全长 Length　CN1　CN2	CN1,CN2 40P/FCN		

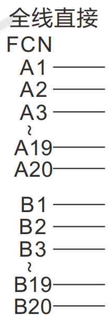
- 图中CN1为PLC侧,CN2为端子台侧。On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

电路图 Wiring Diagram

X210-5
全线直接



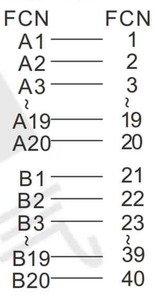
X210-5D
全线直接



孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫	粉红灰	粉红白	浅绿黑	浅绿棕

X210-8
全线直接



孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫	粉红灰	粉红白	浅绿黑	浅绿棕

分类
Classification
以太网线
Ethernet cable
I/O预铸连接线
I/O cable
相机线
Camera cable
PLC对应电缆线
PLC cable
伺服对应电缆线
Servo cable
各类纯线材
Pure wire
辅助连接器
Connector



X211-1



X211-2

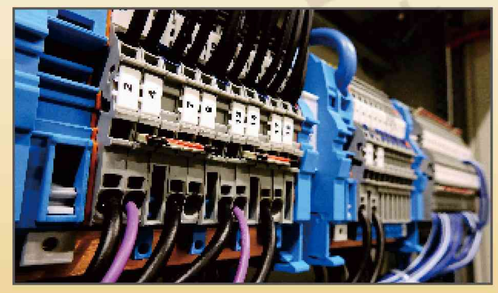
KEYENCE KV
对应34P MIL电缆线
X211系列

KEYENCE KVシリーズ対応34P MILケーブル
KEYENCE KV
corresponding 34P MIL cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing

RoHS | 省空间 | PLC | 耐热 | 电箱配线



特点 Features

* 针对KV100/3000系列扩展模块设计，对应T007接线端子台；
* 对应T063转换模块，可以实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生的概率。

* KV100/3000シリーズ広げるモジュールに対して設計しております，T007配線端子台に対応します;
* T063コネクタモジュールに対応し、、PLCから信号まで終端との接続は完全に挿しこむ式が実現する，ことができます.、最大限度に線をつなぐとき、間違い接続の確率は減らします.

* Expansion module designs for KV100/3000 series,Corresponding to wiring terminal blocks T007;
* Corresponding to conversion module T063, can realize a comprehensive connection between PLC and signal terminal, Minimize the probability to connect cables in wrong way.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X211 — 1 — 1000

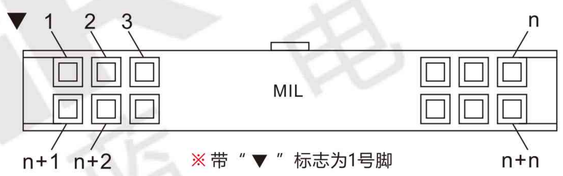
- X211：KEYENCE KV对应34P MIL电缆线 KEYENCE KV corresponding 34P MIL cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

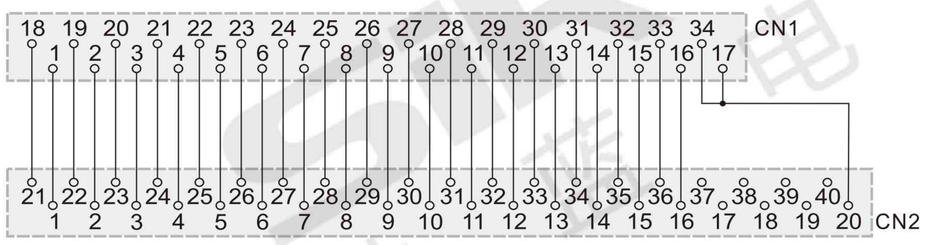
端口对应列表 Port corresponding list

型号 Model	CN1对应*1 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	制造商 Manufacturers	模块 Module	端子台*2 Terminal Blocks	
X211-1 (IN)	KEYENCE	KV-C32XA/C KV-NC32EX KV-64XA/C KV-32XTD KV-NC32EXT	T007 T011 T063	NPN接法
X211-2 (OUT)	KEYENCE	KV-C32TA KV-C32TC KV-C32TP KV-NC32ET KV-C32XTD KV-NC32EXT KV-NC32ET(P)	T007 T011 T063 Y445 Y449	

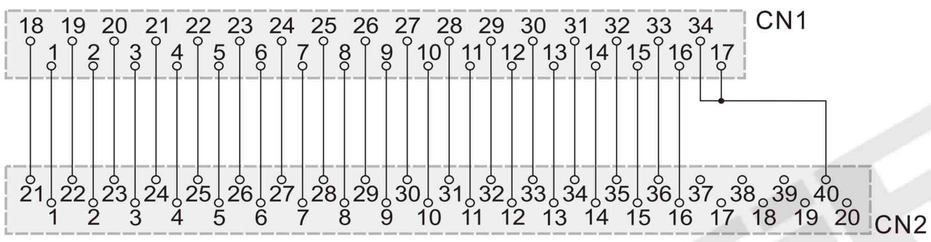
- 表中所列端子台产品为胜蓝公司产品，相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

电路图 Wiring Diagram

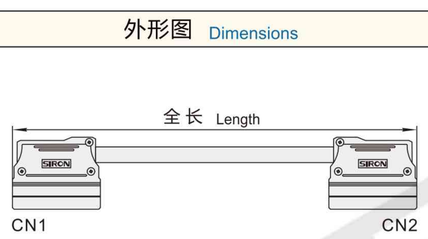
X211-1



X211-2



外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X211-1 / X211-2		CN1: 34P/MIL	CN2: 40P/MIL	1000 1500 **注明:** 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes:The minimum cable is 1000mm,and 1000mm for increasing if need.

- 图中CN1为PLC侧,CN2为端子台侧。On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

KEYENCE KL/KV 系列对应MIL电缆线

X211系列

KEYENC KL/KVシリーズ対応 MILケーブル
MIL cable corresponding to KEYENCE KL/KV series

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X211-3



X211-4/X211-5



X211-6



X211-7/8

RoHS　省空间　PLC　耐热　电箱配线

特点 Features

* 针对KL系列I/O端口设计；
* 对应T004、T005接线端子台；
* X211-3对应T060转换模块，可以实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生的概率。
* X211-4和X211-5将16位信号分为2组8位，分别引出。

* KLｼﾘｰｽﾞI/O.ボートに対して設計しております.
* T004、T005配線端子台を対応しております.
* T060コネクタモジュールを対応し、PLCから信号まで終端とのつなぐは完全に挿しこむ式が実現することができます、最大限度に線をつなぐとき、間違い接続の確率は減らします.
* X211-4とX211-5は16位信号を2チームは8人は、金を引き出すことだ。

* Expansion module designs for KV100/3000 series.
* Corresponding to wiring terminal blocks T007.
* Corresponding to conversion module T063, can realize a comprehensive connection between PLC \ and signal terminal. Minimize the probability to connect cables in wrong way.
* X211-4 and X211-5 will be 16 signal is divided into 2 groups of 8, respectively eduction.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	制造商 Manufacturers	模块 Module	端子台*1 Terminal Blocks	
X211-3	KEYENCE	KL-16CX / KL-32CX	T004 T005 T060	NPN接法
		KL-16CT / KL-32CT	T060	—
X211-4		KL-16CT / KL-32CT	T003 T021 T031 T082 T084 Y412 Y413 Y415 Y421	
X211-5		KL-16CX / KL-32CX	T003 T021 T031 T080	NPN接法
X211-6		KV-C32XA/C KV-C64XA/C KV-C32XTD KV-NC32EX KV-NC32EXT	T004 T060 T010	输出NPN接法
X211-7 X211-8		KV-C64TA/C KV-NC32ET KV-C16XTD KV-NC32EXT KV-C32XTD KV-C32TA/C/D	T004 T060 Y444 Y313 Y318 T010	

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X211 — 3 — 1000

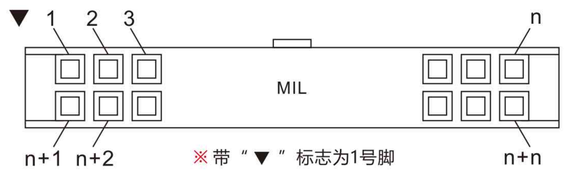
X211：KEYENCE KL/KV对应 MIL电缆线
MIL cable corresponding to KEYENCE KL/KV

3：序号
Serial number

1000：长度
Length(mm)

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

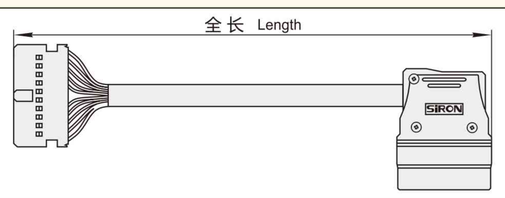
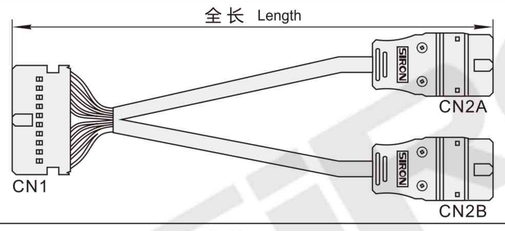
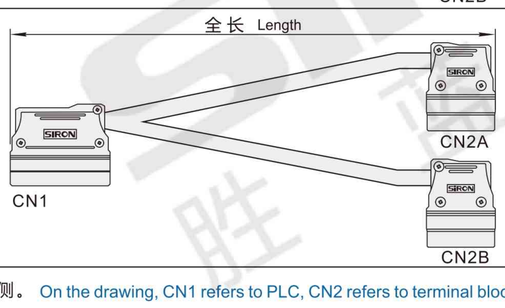
孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

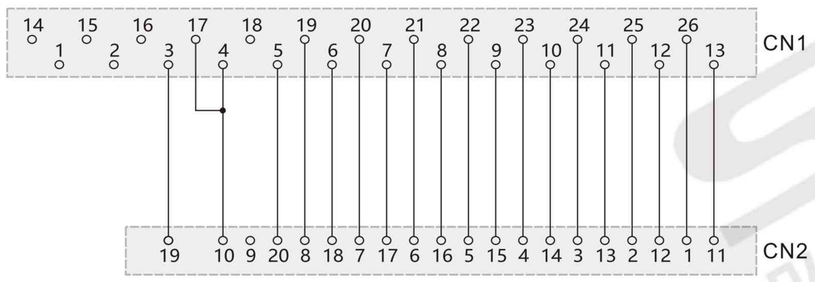
外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	CN2A	CN2B	全长 Length(mm)
X211-3		CN1: 26P/MIL CN2: 20P/MIL				1000 1500 **注明:** 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.
X211-4 X211-5		CN1: 26P/MIL CN2A: 10P/MIL CN2B: 10P/MIL				
X211-6 X211-7/8		CN1: 34P/MIL CN2A: 20P/MIL CN2B: 20P/MIL				

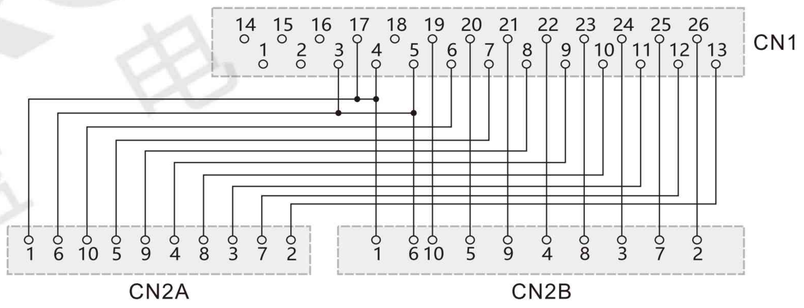
● 图中CN1为PLC侧,CN2为端子台侧。 On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

电路图 Wiring Diagram

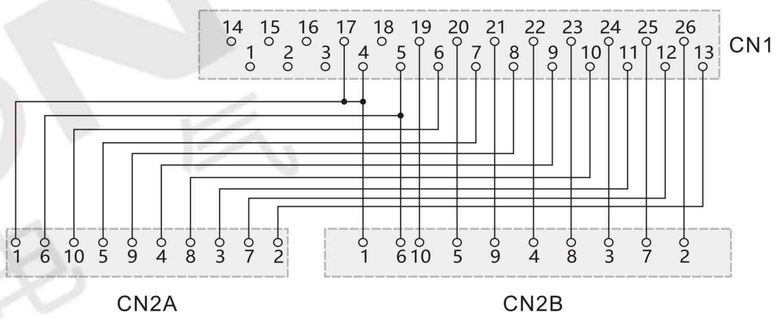
X211-3



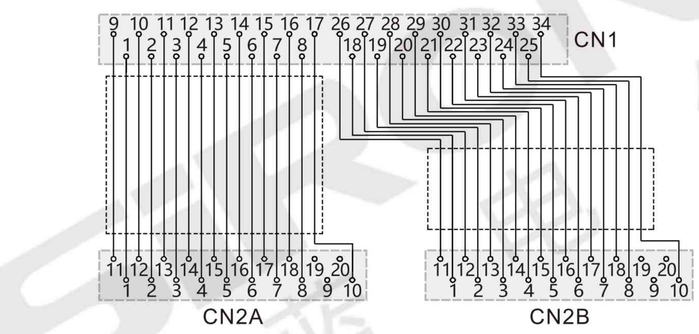
X211-4



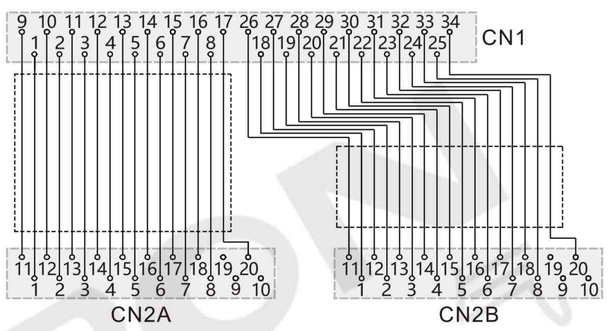
X211-5



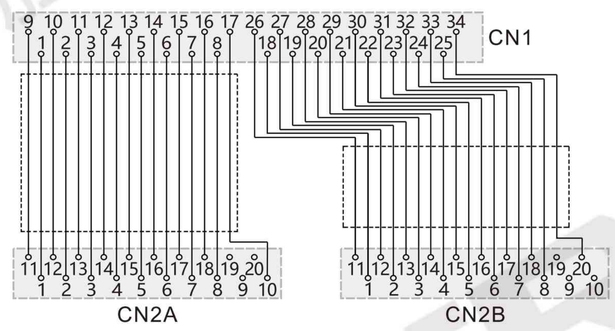
X211-6



X211-7



X211-8



三菱Q系列
对应电缆线
X212系列

三菱Qシリーズ対応ケーブルです
Mitsubishi Q series of corresponding cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X212-1



X212-2/X212-3



X212-4/X212-5



X212-6/X212-7



X212-8/X212-9



X212-10

RoHS | 省空间 | PLC | 耐热 | 电箱配线

特点 Features

* X212-1针对Q系列I/O模块端口设计；对应T008,T009接线端子台；对应T063转换模块，可以实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生的概率;
* X212-2/X212-3针对QD70P位控模块设计；
* X212-4～X212-7针对QD75P位控模块设计；
* 后六款对应T066,T067位控端子台使用，实现位控模块到驱动器之间的全插接式连接，最大限度的减少接错线发生的概率。

* X212-1についてqシリーズのi / o・モジュールポート;T008,T009配線端子台に対応しています;T063コネクタモジュールに対応して、PLCから信号まで終端との連続は完全に差し込み式が実現できます，最大限度に線をつなぐとき、間違い接続の確率は減らします;
* X212-2 / X212-3位を狙っQD70Pコントロールモジュールを設計します;
* X212-4 ~ X212-7位を狙っQD75Pコントロールモジュールを設計します;
* 後6項に対応することにしT066、T067位統端子台に使っており、実現位統・モジュールからドライブ間の全ささって接式で接続して、最小限な接間違って発生する確率だ。

* X212-1 for Q series of I/O module port design; Corresponding T008,T009 terminal station;Corresponding T063 conversion module, can be realized from the PLC to signal betweenterminal all pluggable, the maximum limit reduced pick the wrong line the probability of occurrence in a;
* X212-2/3 X212 - for QD70P a control module design;
* X212-4 ~ X212-7 QD75P according to a control moduledesign;
* Back in six corresponding T066, T067 a control terminal station use, realize a control module to drive between the whole pluggable, the maximum limit reduced pick the wrong line the probability of occurrence in a.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	制造商 Manufacturers	模块 Module	端子台*1 Terminal Blocks	
X212-1	MITSUBISHI (Q/L/IQ-R series)	QX41 LX41C4 LY42NT1P QX42 LX42C4 QX41Y41P QX71 RX41C4 RY42NT2P QX72 RX42C4 RY42PT2P QY41P QX41-S1 RH42C4NT2P QY42P QX41-S2 QH42P QX42-S1	T008 T009 T063 Y445 Y449 Y319 T011	NPN接法
		QY82P	T009-P	PNP接法
X212-2	MITSUBISHI	QD70P4/8	T066 T067	使用外部原点信号 Utilizes external original
X212-3		QD70P4/8		使用Z+/- 信号 Utilizes Z+/- Signal
X212-4		QD75P1/2 LD75P1/2		使用外部原点信号 Utilizes external original
X212-5		QD75P4 LD75P4		使用Z+/- 信号 Utilizes Z+/- Signal
X212-6		QD75D1/2 LD75D1/2		差分驱动 Differential Drive
X212-7		QD75D4 LD75D4		使用A+/- 信号 Utilizes A+/- Signal
X212-8		QX81 QX81-S2	T008-P T009-P T063 T011	—
X212-9		QY81P	T008-P T009-P T063 Y445 Y449 Y319 T011	
X212-10		QX82	T008-P	

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

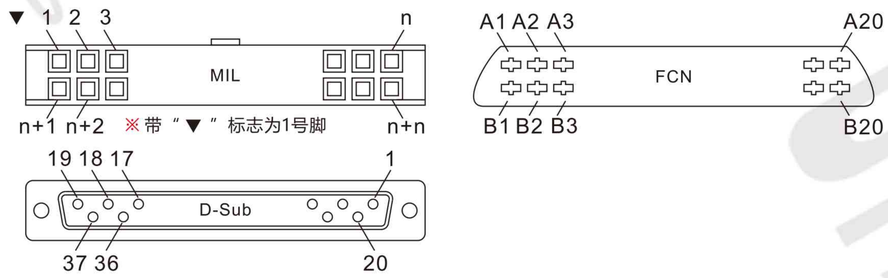
订货范例 Order

X212 — 1 — 1000

- X212：三菱Q对应电缆线 Mitsubishi Q corresponding cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意： 以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

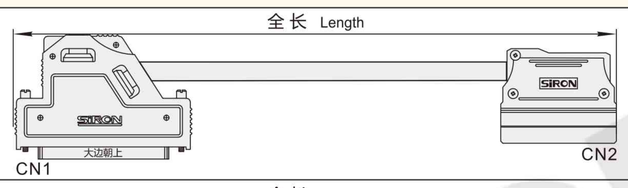
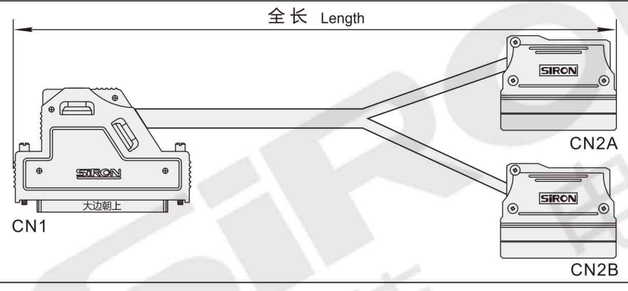
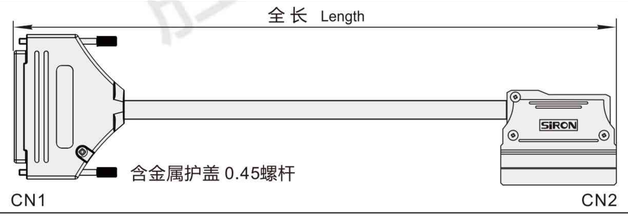
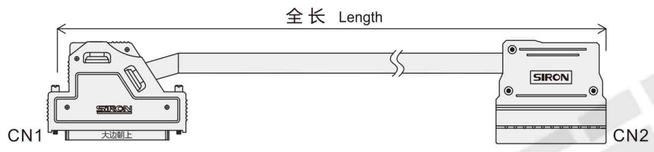
孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

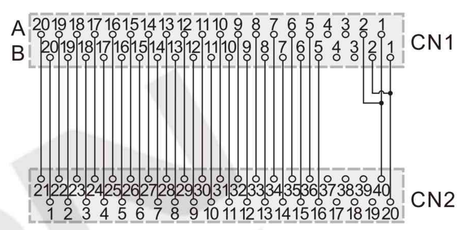
外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	CN2A	CN2B	全长 Length(mm)
X212-1		40P/FCN	40P/MIL	——	——	1000 1500 **注明:** 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.
X212-2 X212-3		40P/FCN	40P/MIL	40P/MIL	40P/MIL	
X212-4 X212-5 X212-6 X212-7		40P/FCN	40P/MIL	——	——	
X212-8(特) X212-9(特)		37P/D-sub	40P/MIL	——	——	
X212-10		40P/FCN	40P/MIL	——	——	

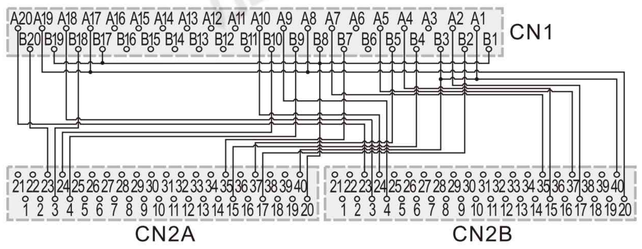
● 图中CN1为PLC侧,CN2为端子台侧。特：金属护套。On the drawing, CN1 refers to PLC, CN2 refers to terminal block.Special: metal sheath.

电路图 Wiring Diagram

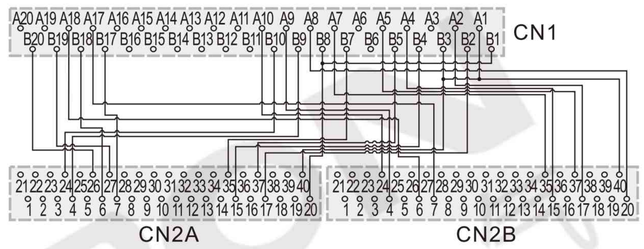
X212-1



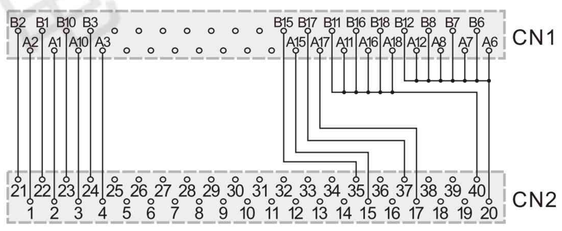
X212-2



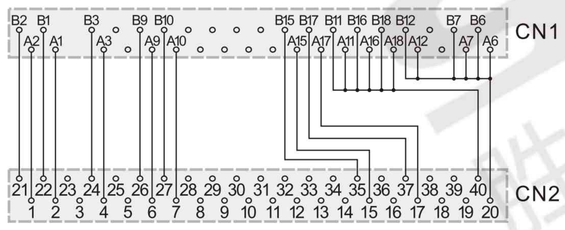
X212-3



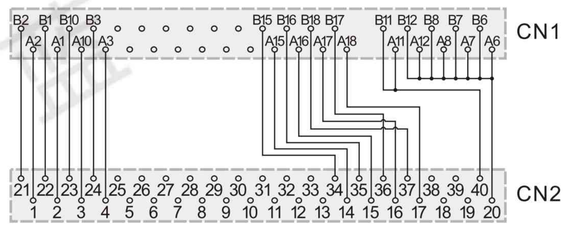
X212-4



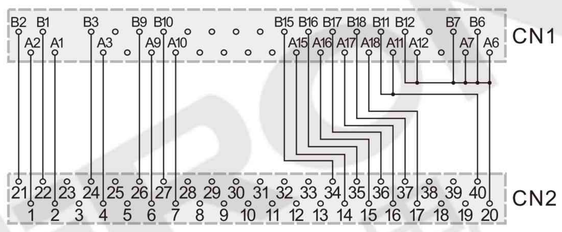
X212-5



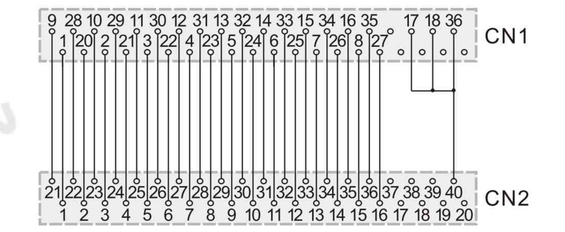
X212-6



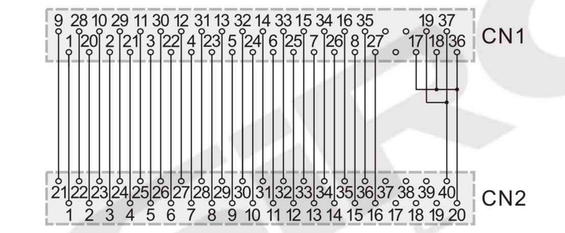
X212-7



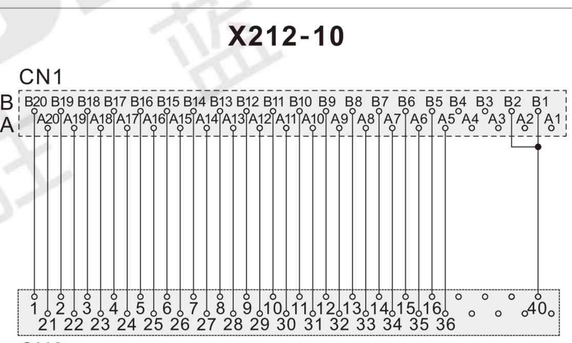
X212-8



X212-9



X212-10



三菱FX系列
对应电缆线
X213系列

三菱FXシリーズ対応ケーブルです
Mitsubishi FX series of corresponding cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X213-1/X213-1P
X213-2



X213-3/X213-4



X213-5/X213-6



X213-7

RoHS　省空间　PLC　耐热　电箱配线

特点 Features

* X213-1/X213-2针对三菱FX系列PLC I/O端口设计；对应T005, T006接线端子台；对应T060转换模块，可以实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生的概率;
* X213-3/X213-4/X213-7针对三菱FX-10GM位控模块设计;
* X213-5/X213-6针对三菱FX-20GM位控模块设计;
* 后五款对应T066,T007位控端子台使用，实现位控模块到驱动器之间的全插接式连接，最大限度的减少接错线发生的概率。

* X213-1/X213-2に対して三菱fxシリーズPLC i/oポート;対応T005、T006口口端子台;対応T060転換モジュールを実現することができ、PLCからまで電波機器の間の全ささって接式で接続して、最小限な接間違って発生する確率;
* X213-3/X213-4/X213-7位10GMに対して三菱fx-コントロールモジュールを口口します;
* X213-5/X213-6に対して三菱fx-20GM位コントロールのモジュールを口口します;
* 5つの対応T066後ろに、T007位統端子台に使っており、実現位統・モジュールからドライブ間の全ささって接式で接続して、最小限な接間違って発生する確率だ。

* X213-1/X213-2 for mitsubishi FX series PLC I/O port design;Corresponding T005,T006 terminal station; Corresponding T060 conversion module,can be realized from the PLC to signal between terminal all pluggable, the maximumlimit reduced pick the wrong line the probability of occurrence in a;
* X213-3/X213-4/X213-7 for mitsubishi FX - 10 gm a control module design;
* X213-5/X213-6 in mitsubishi FX - 20 gm a control module design;
* Back in five corresponding T066, T007 a control terminal station use,realize a control module to drive all between pluggable, the maximum limit reduced pick the wrong line the probability of occurrence in a.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X213 — 1 — 1000

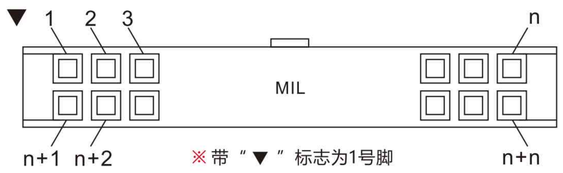
- X213：三菱FX对应电缆线 Mitsubishi FX corresponding cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线； 绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线； 包带； 纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

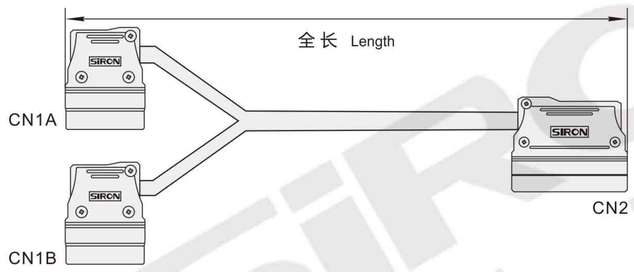
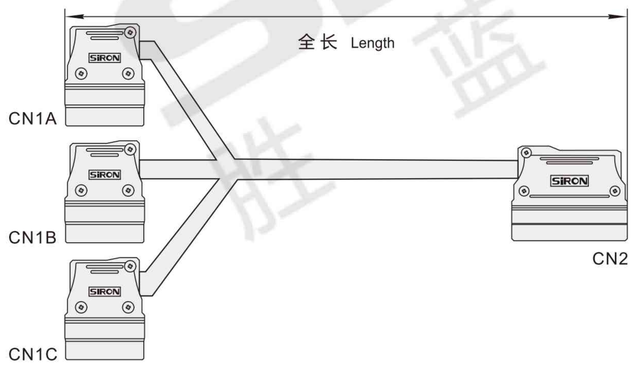
端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	制造商 Manufacturers	模块 Module	端子台*1 Terminal Blocks	
X213-1 X213-1P	MITSUBISHI (FX series)	FX3UC-32MT/D FX3UC-64MT/D FX3UC-16MT/DSS FX3UC-32MT/DSS FX3UC-64MT/DSS FX3UC-96MT/DSS FX3UC-32MT/DSS FX3UC-32MT/DSS FX3UC-32MT/DSS FX3UC-32MT/DSS FX5UC-32MT/D FX5UC-C32EX/D FX5UC-C32EX/DS FX5UC-C32EYT/DSS FX5UC-C32ET/DSS FX5UC-C32EYT/D FX5UC-64MT/D	T005 T006 T060 T010 Y444 Y448 Y318FX5UC-64MT	——

位控模块 Position Control Module

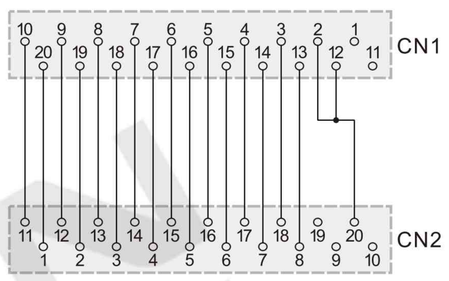
型号 Model	CN1对应 Corresponding to CN1	CN2对应 Corresponding to CN2		备注 Note
	端子台*1 Terminal Blocks	模块 Module	制造商 Manufacturers	
X213-3	T066 T067	MITSUBISHI	FX-10GM	使用外部原点信号 Utilizes external original
X213-4				使用Z+/- 信号 Utilizes Z+/- Signal
X213-5			FX-20GM	使用外部原点信号 Utilizes external original
X213-6				使用Z+/- 信号 Utilizes Z+/- Signal
X213-7			FX-10PG TX2N-10PG	

外形图 Outline

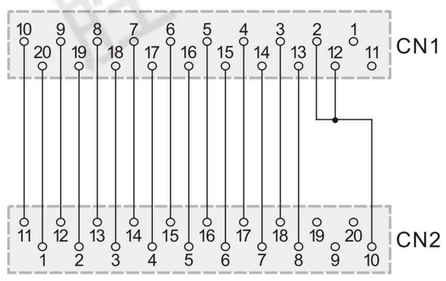
型号 Model	外形图 Dimensions	CN1 CN1A	CN1 CN1B	CN1 CN1C	CN2	全长 Length(mm)
X213-1 X213-1P		CN1:20P/MIL			CN2:20P/MIL	1000 1500 **注明:** 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.
X213-3 X213-4		CN1A:20P/MIL CN1B:20P/MIL			CN2:40P/MIL	
X213-5 X213-6		CN1A:20P/MIL CN1B:20P/MIL CN1C:20P/MIL			CN2:40P/MIL	
X213-7		CN1:20P/MIL			CN2:40P/MIL	

电路图 Wiring Diagram

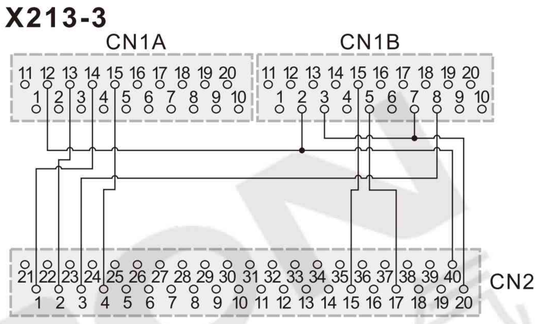
X213-1



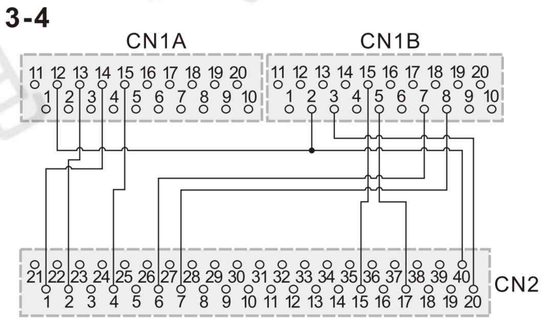
X213-1P



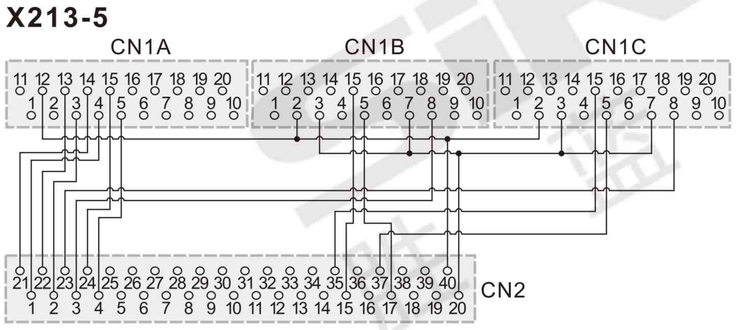
X213-3



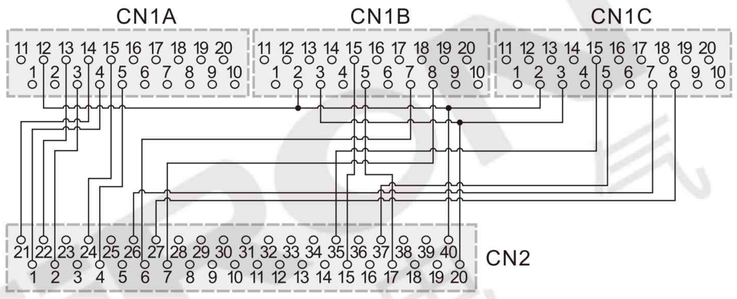
X213-4



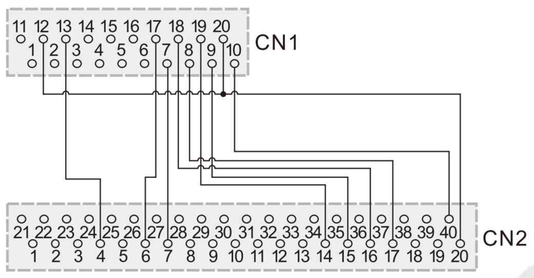
X213-5



X213-6



X213-7



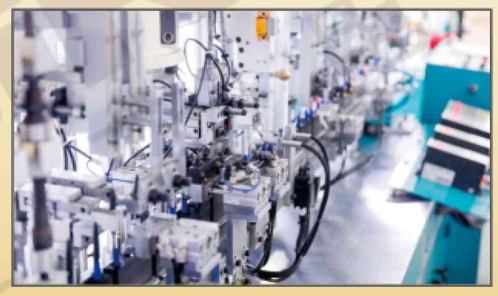
分类
Classification
以太网线
Ethernet cable
I/O预铸连接线
I/O cable
相机线
Camera cable
PLC对应电缆线
PLC cable
伺服对应电缆线
Servo cable
各类纯线材
Pure wire
辅助连接器
Connector

欧姆龙CJ1系列
对应电缆线
X215系列

オムロンCJ1シリーズ対応ケーブルです
Omron CJ1 series corresponding cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X215-1/X215-2



X215-3/X215-3P
X215-4



X215-5/X215-6



X215-7/X215-7P
X215-8



X215-9



X215-10

RoHS　省空间　PLC　耐热　电箱配线

特点 Features

* 针对OMRON CJ1系列端口设计，X215-3/X215-4/X215-7/X215-8对应T007接线端子台，均对应T063转换模块，可实现从PLC到信号终端之间的全插接式连接；

* X215-9/X215-10对应T066/T007位控端子台使用,可实现位控模块到驱动器全插接式连接，最大限度的减少接错线发生的概率。

* Xオムロン CJ1シリーズのポートに対応の設計，X215-3/X215-4/X215-7/X215-8がT007配線端子台、T063コネクタモジュールに対応し、PLCから信号まで、終端との接続は完全に挿し込む式が実現することができます;

* X215-9/X215-10がT066/T007の制御端子台に対応使用、位置制御モジュールからドライブまでとの繋ぐは完全に挿し込む式が実現することができます，最大限度に間違い接続の確率を減らします。

* Port designs for OMRON CJ1 series,X215-3/X215-4/X215-7/X215-8 correspond to wiring terminal blocks T007.Corresponding to conversion module T063, can realize a com-prehensive connection between PLC and signal terminal.

* X215-9/X215-10 correspond to position control module T066/T007,can realize a comprehensive connection between position control module and drive,Then minimize the probability to connect cables in wrong way.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X215 — 1 — 1000

- X215：欧姆龙CJ1对应电缆线 Omron CJ1 corresponding cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

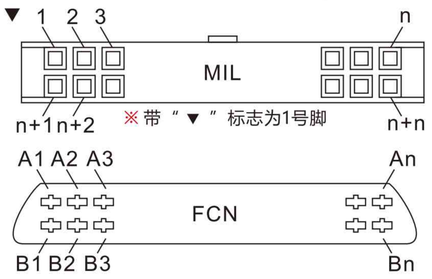
注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。

Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

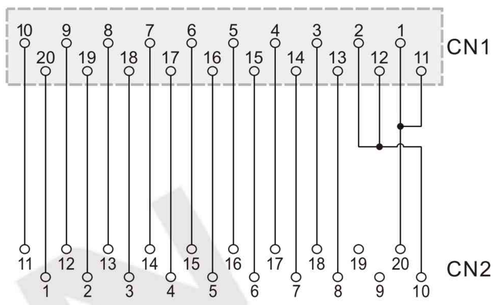
型号 Model	CN1对应 Corresponding to CN1 制造商 Manufacturers	模块 Module	CN2对应 Corresponding to CN2 端子台*1 Terminal Blocks	备注 Note
X215-1	OMRON	CJ1W-MD232(IN) CJ1W-MD233(IN)	T004 T060 T010 Y318 Y444 Y448	NPN接法
X215-2		CJ1-MD233(OUT) NX-OD5121-5		
X215-3	OMRON	CJ1W-ID232 CJ1 W-MD563(IN) CJ1 W-ID262 NX-ID6142-5 CJ1W-MD263(IN) CJ1W-ID233	T007 T063 T011	NPN接法
X215-3P	OMRON	CJ1W-ID232 CJ1 W-MD563(IN) CJ1 W-ID262 NX-ID6142-5 CJ1W-MD263(IN) CJ1W-ID233	T007-P T063 T011	PNP接法
X215-4	OMRON	CJ1 W-OD233 CJ1 W-MD563(OUT) CJ1 W-OD263 CJ2W-OD234 CJ1W-MD263(OUT) NX-OD6121-5	T007 T063 Y445 Y319 Y445	NPN接法
		CJ1W-OD232 CJ1W-OD262 006256-5	T007-P T063 Y319 Y445 Y449 T011	PNP接法
X215-5	OMRON	CJ1W-MD231 (IN)	T004 T060 T010	NPN接法
X215-6	OMRON	CJ1W-MD231(OUT)	T004 T060 Y444 Y318 Y010 Y448	NPN接法
X215-7	OMRON	CJ1W-MD231 CS1W-ID261 CS1W-MD561 CJ1W-ID231 CS1W-MD262 CJ1W-MD261 CS1W-MD261 (IN) CJ1W-ID261 NX-ID6142-6	T007 T063 T011	NPN接法
X215-7-P	OMRON	CS1W-ID231 CJ1W-ID261 CJ1W-ID231 CS1W-MD261 (IN) CS1W-MD262 CS1W-MD561 NX-D6142-6	T007 T063 T011	PNP接法
X215-8	OMRON	CJ1 W-OD231 CS1W-MD261(OUT) CJ1 W-OD261 CS1 W-OD231 CS1W-OD261 CS1 W-MD561 CJ1W-MD261(OUT) NX-OD6121-6	T007 T063 Y319 Y445 T011	NPN接法
		CS1 W-OD262 CS1W-MD262 CS1W-OD232		PNP接法
X215-9	OMRON	CJ1W-NC113/213/413	T066 T067	使用外部原点信号 Utilizes external original 集电极输出 Collector outpnt
X215-10		CJ1 W-NC133/233/433		使用外部原点信号 Utilizes external original 差分驱动输出 Differential drive output

外形图 Outline

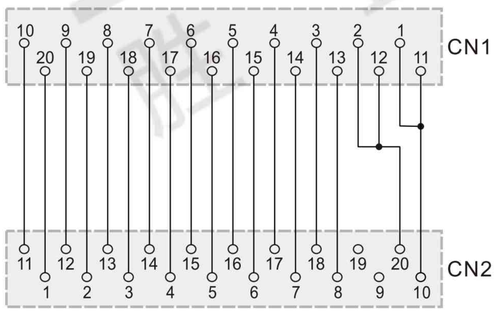
型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X215-1 X215-2	全长 Length CN1 CN2	20P/MIL	20P/MIL	1000 1500 **注明:** 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.
X215-3 X215-3P X215-4	全长 Length CN1 CN2	40P/MIL	40P/MIL	
X215-5 X215-6	全长 Length CN1 CN2	24P/FCN	20P/MIL	
X215-7 X215-7P X215-8 X215-9	全长 Length CN1 CN2	40P/FCN	40P/MIL	
X215-10	全长 Length CN1 CN1			

电路图 Wiring Diagram

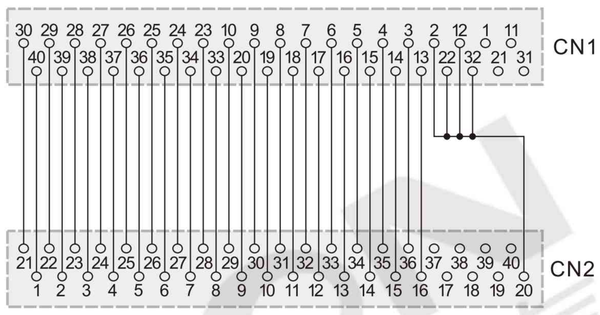
X215-1



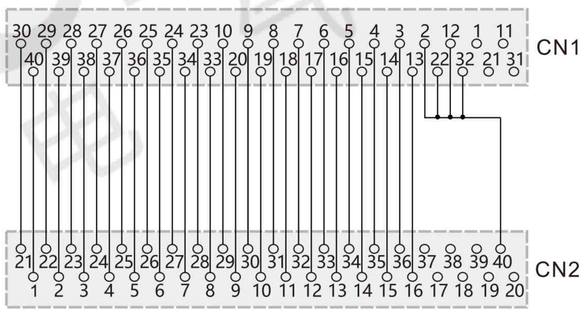
X215-2



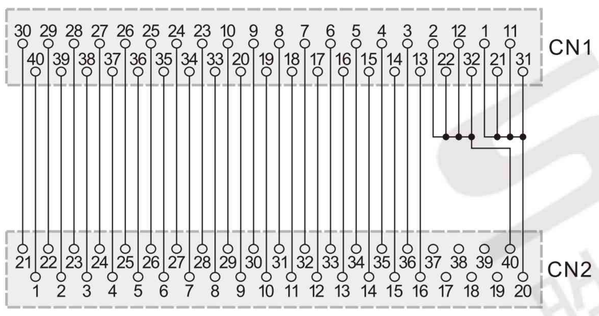
X215-3



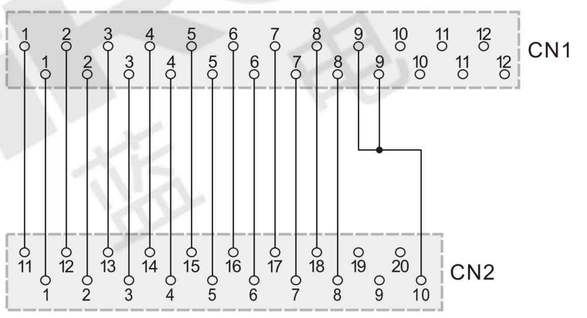
X215-3P



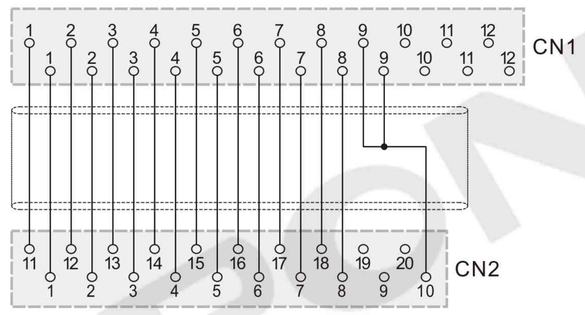
X215-4



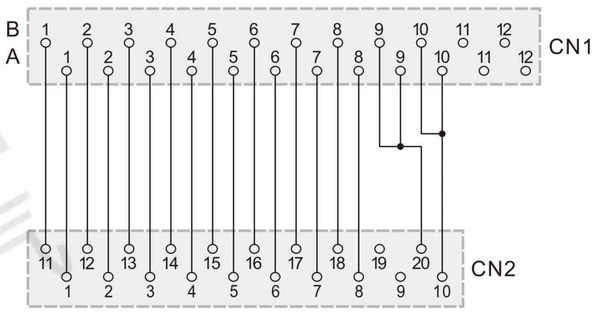
X215-5



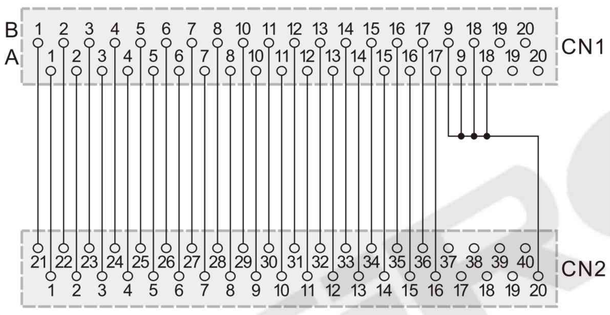
X215-5P



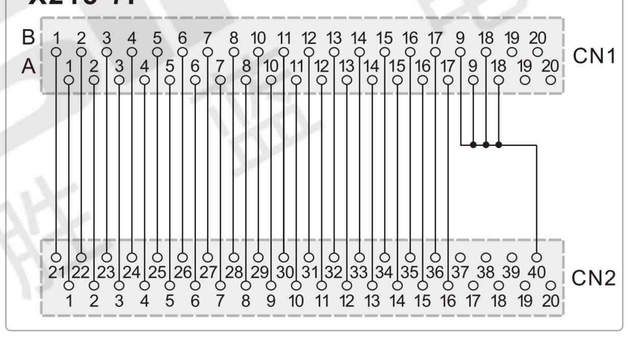
X215-6



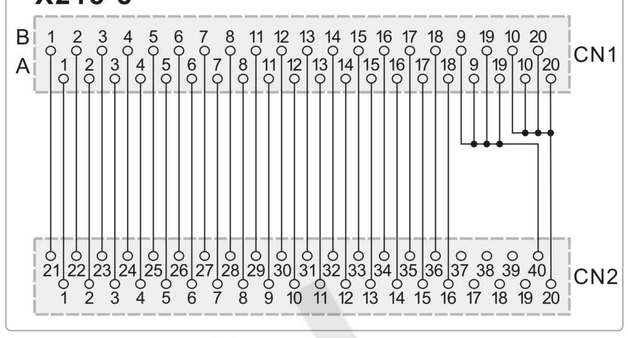
X215-7



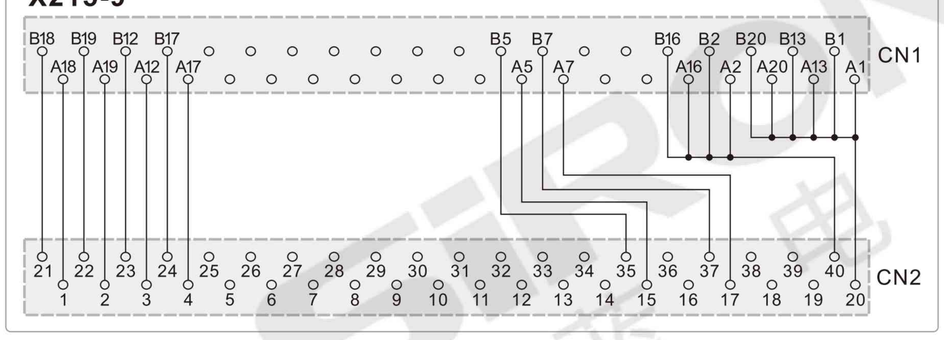
X215-7P



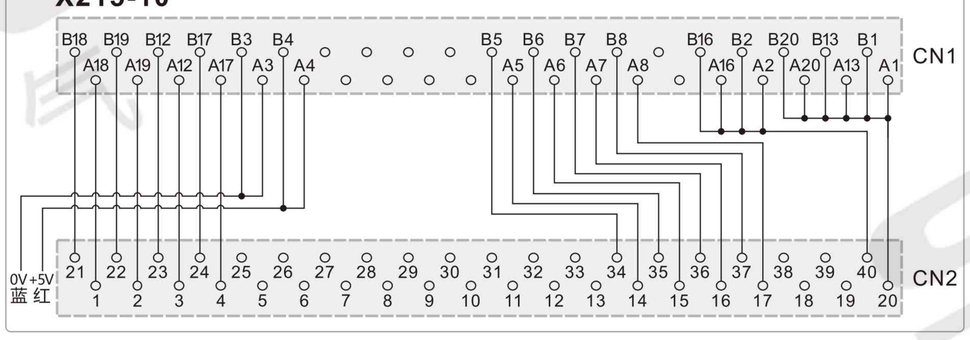
X215-8



X215-9



X215-10



松下FP0R/FPΣ系列对应电缆线

X216系列

松下FP0R/FPΣシリーズ対応ケーブルです
Panasonic FP0R/ FPΣseries corresponding cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



X216-1



X216-2/X216-3



X216-4



X216-5

RoHS　省空间　PLC　耐热　电箱配线

特点 Features

* X216-1～X216-4针对松下FP0/FPΣ系列PLC I/O端口设计。
* X216-1～X216-3对应T/Y系列端子台模块，可实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生概率。
* X216-4对应Y401系列端子台模块，将8位输出转换为2组4位继电器控制。
* X216-5针对松下FP0系列PLC的CPU单元设计，将CPU的4个接口信号归类为16位输入/输出两路信号，对应T005、T006、T022、T032、T060 端子台。

* X216-1～X216-4が松下FP0/FPΣシリーズPLC I/Oのポートに対応の設計。
* X216-1～X216-3がT/Yシーズの端子台モジュールに対応して、PLCから信号までとの接続は完全に挿し込む式が実現することがせきま、最大限度に間違い接続の確率を減らします。
* X216-4がY401シーズ端子台モジュールに対応して、8点のコネクタを２組４点に分けてリレーで制御。
* X216-5が松下FP0シーズPLCのCPU単元に対応の設計、CPUの４つインターフェイス信号を１６点で入力/出力の二つに分けます、T005、T006、T022、T032、T060端子台に対応しています。

* X216-1~X216-4 I/O port designs for Panasonic FP0/FPΣ PLC.
* X216-1~X216-3 correspond to modules of T/Y series, can realize a comprehensive connection between PLC and signal terminal, then minimize the probability to connect cables in wrong way.
* X216-4 correspond to terminal blocks Y401. 8 bit output will be divided separated and controlled by two outputs of 8 bit relay modules.
* X216-5 CPU unit designs for Panasonic FP0 PLC. The CPU 4 interface signal will be classified as 16 input/output two way signal. Corresponding to terminal blocks T005、T006、T022、T032、T060.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X216 — 1 — 1000

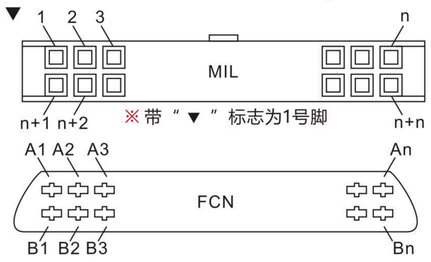
- X216：松下FP0R/FPΣ对应电缆线 Panasonic FP0R / FpΣ corresponding cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



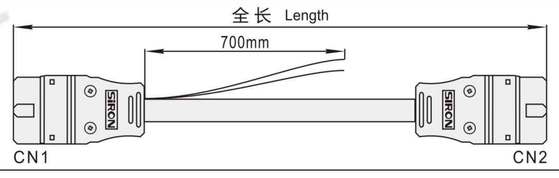
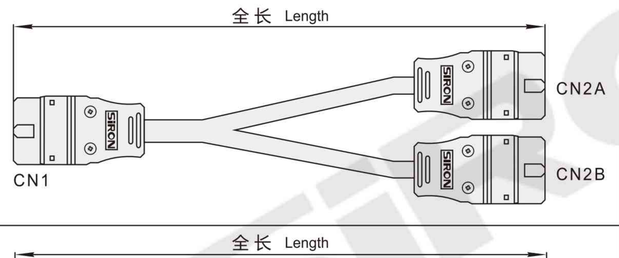
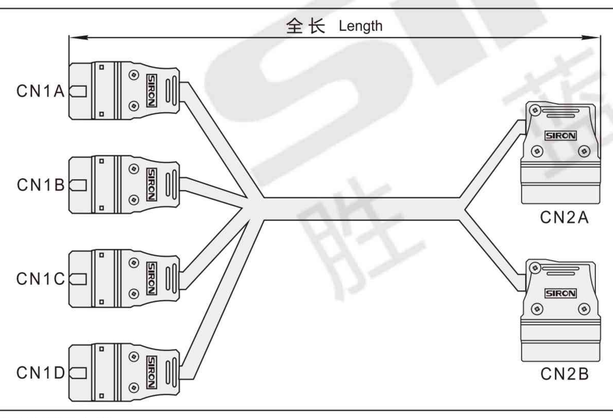
注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1			CN2对应 Corresponding to CN2
	制造商 Manufacturers	模块 Module		端子台*1 Terminal Blocks
X216-1	Panasonic (Fp0.FpΣ series)	FP0R-C16T/C16CT(IN) FP0R-C16P/C16CP(IN) FP0R-C32T/C32CT/T32CT(IN) FP0R-C32P/C32CP/T32CP(IN) FP0R-E16T/P(IN) FP0R-E32T	FP0R-E32T/P(IN) FP0R-E8X FP0R-E16X FPΣ-C28(IN) FPΣ-C32(IN) FP0R-E32P	T003 T080 T003-D
X216-2		FP0R-C16T/C16CT(OUT) FP0R-C16P/C16CP(OUT) FP0R-C32T/C32CT/T32CT(OUT) FP0R-C32P/C32CP/T32CP(OUT)	FP0R-E32T/P(OUT) FP0R-E16T/P(OUT) FP0R-E8YT FP0R-E16YT FPΣ-C32(OUT)	Y412 Y413 Y421 T003 T082 T003-D T084 T031 T415
X216-3	Panasonic (FpΣ series)	FPΣ-C28（OUT）		
X216-4	Panasonic (Fp0.FpΣ series)	FP0R-C16T/C16CT(OUT) FP0R-C16P/C16CP(OUT) FP0R-C32T/C32CT/T32CT(OUT) FP0R-C32P/C32CP/T32CP(OUT)	FP0R-E16T/P(OUT) FP0R-E32T/P(OUT) FP0R-E8YT FP0R-E16YT FPΣ-C32(OUT)	——
X216-5	Panasonic (Fp0 series)	FP0R-C16T/C16CTP/CP FP0R-C32T/C32CT/P/CP FP0R-E32T/P		T004 T005 T006 T060 T010 Y444 Y448 Y318

外形图 Outline

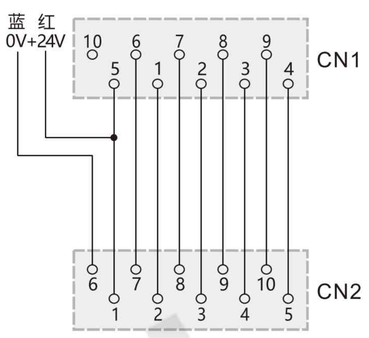
型号 Model	外形图 Dimensions	CN1				CN2		全长 Length(mm)
		CN1A	CN1B	CN1C	CN1D	CN2A	CN2B	
X216-1 X216-2 X216-3		CN1:10P/MIL				CN2:10P/MIL		1000 1500
X216-4		CN1:10P/MIL				CN2A:10P/MIL CN2B:10P/MIL		
X216-5		CN1A:10P/MIL CN1B:10P/MIL CN1C:10P/MIL CN1D:10P/MIL				CN2A:20P/MIL CN2B:20P/MIL		

注明:
最短线长为1000mm，如需增加以1000mm为单位递增。
Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.

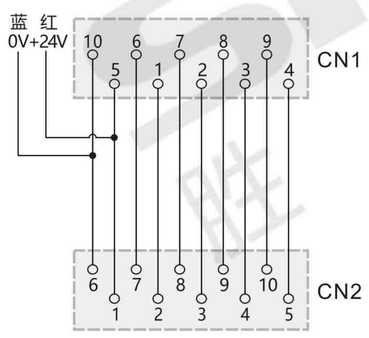
● 图中CN1为PLC侧,CN2为端子台侧。On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

电路图 Wiring Diagram

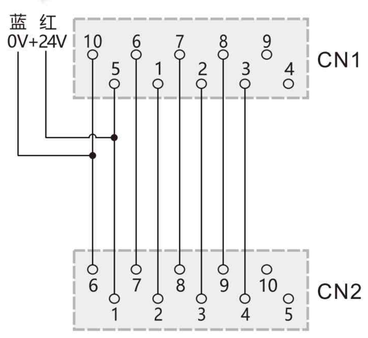
X216-1



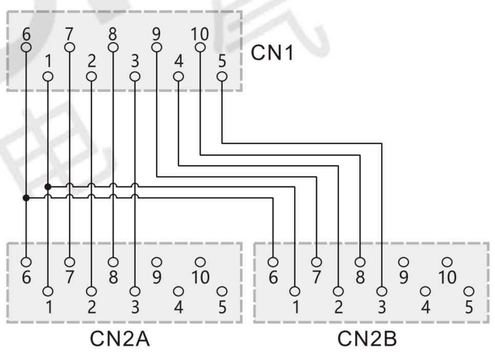
X216-2



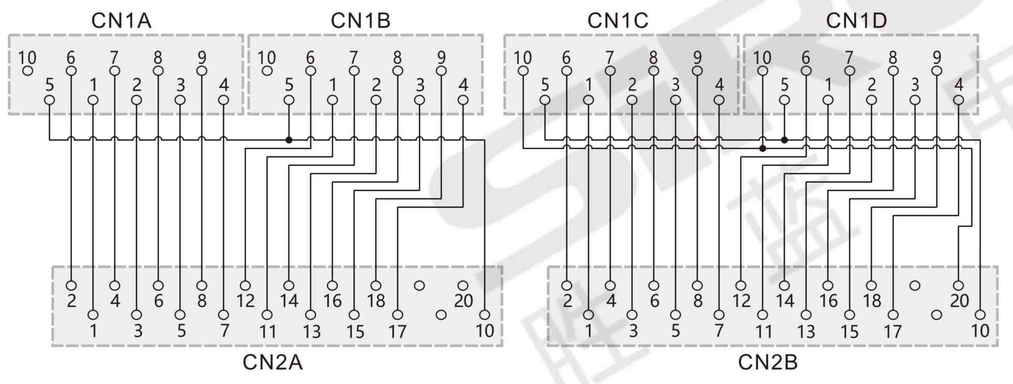
X216-3



X216-4



X216-5



松下FP2/FPΣ系列
对应电缆线
X217系列

松下FP2/FPΣシリーズ対応ケーブルです
Panasonic FP2 / FP Σ series corresponding cable



X217-1/X217-2



X217-3/X217-4

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 省空间 | PLC | 耐热 | 电箱配线

特点 Features

* X217-1/X217-2 针对松下FP2/FP∑系列PLC I/O端口设计；对应T008、T009接线端子台；对应T063转换模块，可以实现从PLC到信号终端之间的全插接式连接；
* X217-3/X217-4针对松下FP2系列位控模块设计；对应T066、T067位控端子台使用，实现位控模块到驱动器之间的全插接式连接；
* 最大限度的减少接错线发生概率。

* X217-1/X217-2が松下FP2/FPΣシーズPLC I/Oのボートに対応の設計T008、T009配線端子台に対応しています；T063コネクタモジュールに対応し、PLCから信号までとの接続は完全に挿し込む式が実現することができます。
* X217-3/X217-4が松下FP2シーズ位置制御モジュールに対応の設計、T066、T067の制御端子台に対応使用、位置制御モジュールからドライブまでとの繋ぐは完全に挿し込む式が
* 実現することができます、最大限度に間違い接続の確率を減らします。

* X217-1/X217-2 I/O port designs for Panasonic FP2/FP∑ PLC. Corresponding to wiring terminal blocks T008& T009.Corresponding to conversion module T063, can realize a comprehensive connection between PLC and signal terminal.
* X217-3/X217-4 position control module designs for Panasonic FP2/FP∑ PLC.corresponding to position control module T066/T007, can realize a comprehensiveconnection between position control module and drive.
* Then minimize the probability to connect cables in wrong way.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X217 — 1 — 1000

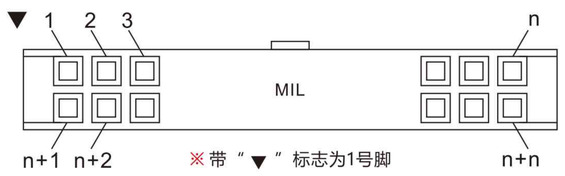
- X217：松下FP2/FPΣ对应电缆线 Panasonic FP2 / FP Σ corresponding cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

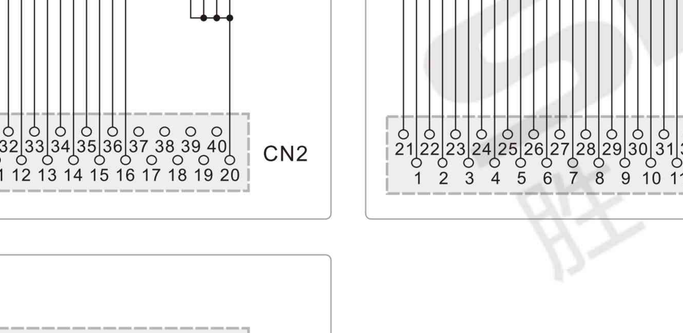
型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	制造商 Manufacturers	模块 Module	端子台*1 Terminal Blocks	
X217-1	Panasonic (Fp2.FpG series)	FP2-C1D(IN) FP2-X32D2 FP2-Y64D2 FP2-XY64D2P AFP7X32D2 AFP7X64D2 FP2-XY64DT FP2-XY64D7T(IN) FPG-XY64D2T(IN) AFP7XY64D2T(IN) AFP7XY64D2P(IN) FP7-X32D2 FP7-X64D2	T008 T063	——
X217-2		FP2-C1D(OUT) FP2-Y32T FP2-Y64T FP2-Y32P FP2-Y64P AFP7Y32T AFP7Y64T FP7-Y64t FP2-XY64DT FP2-XY64D7T(OUT) FPG-XY64D2T(OUT) FP2-XY64D2P FP2-XY64D7P AFP7Y32P AFP7Y64P AFP7XY64D2T(OUT) AFP7XY64D2P(OUT)	T007 T009 Y063 Y445 Y449 Y319 T011	

位控模块 Position Control Module

X217-3	Panasonic	FP2-PP22 FP2-PP42 FP2-PP21/41	T066 T067	使用外部原点信号 Utilizes external original
X217-4				使用z+/-信号 Utilizes Z+/- signal

● 表中所列端子台产品为胜蓝公司产品，相关产品的详细资料请参阅本综合目录的T系列产品。
All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

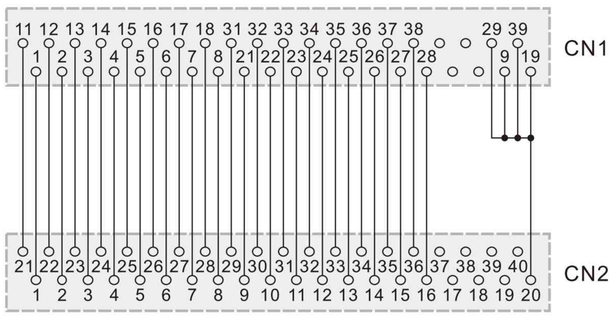
外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X217-1 X217-2 X217-3 X217-4		40P/MIL	40P/MIL	1000 1500 **注明:** 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cable is1000mm, and 1000mm for increasing if need.

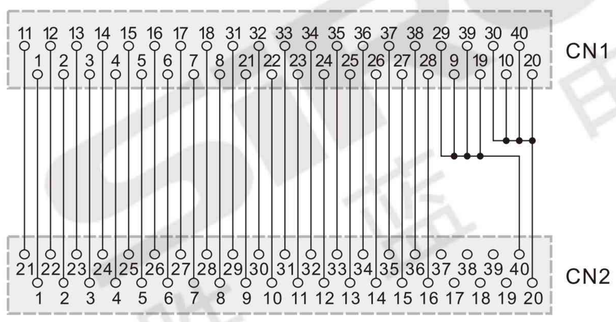
● 图中CN1为PLC侧,CN2为端子台侧。On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

电路图 Wiring Diagram

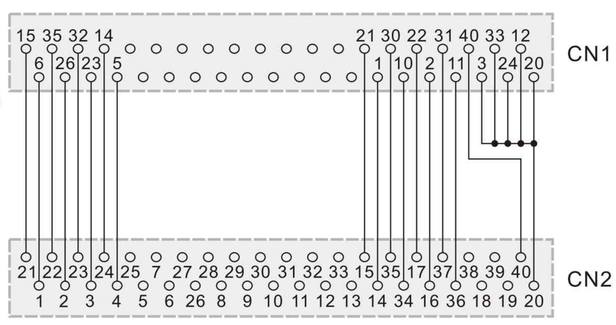
X217-1



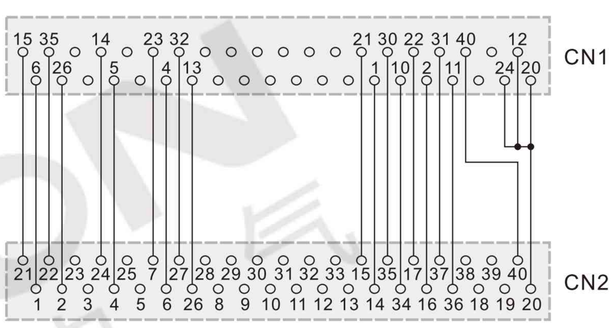
X217-2



X217-3



X217-4



西门子系列
对应电缆线
X218系列

シーメンスシリーズ対応ケーブルです
Siemens series corresponding cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X218-1/X218-2/X218-3
X218-4/X218-5



X218-6/X218-7
X218-8



X218-10/X218-11
X218-12



X218-9

RoHS　省空间　PLC　耐热　电箱配线

特点 Features

* X218-1/X218-5针对西门子20P端口模块设计，对应T022、T032、T004-P接线端子台。对应T060转换模块，使配线更方便、直观；
* X218-6～X218-8针对西门子40P端口模块设计；对应T024、T034、T007-P接线端子台，对应T063转换模块；
* X218-9针对西门子40P端口模块设计，将40P信号分为2组信号并双线引出，对应T022、T023端子台；
* 可以实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生概率。

* X218-1/X218-5がSIEMENS 20Pポートに対応の設計、T022、T032、T004-P配線端子台に対応。T060コネクタモジュールに対応し、配線が最も便利で、直観的になります。
* X218-6～X218-8がSIEMENS 40Pポートに対応の設計、T024、T034、T007-P配線端子台に対応、T063コネクタモジュールに対応。
* X218-9がSIEMENS 40Pポートに対応の設計、40P信号を２組になり、両線で引き出します、T022、T023端子台に対応。
* PLCから信号までとの繋ぐは完全に挿し込む式が実現することができます、最大限度に間違い接続の確率を減らします。

* The X218-1/X218-5 is designed for Siemens 20P port modules and corresponds to T022, T032, and T004-P terminal blocks. Compatible with T060 conversion module, make wiring more square Convenient and intuitive;
* X218-6~X218-8 is designed for Siemens 40P port module; Corresponding to T024, T034, T007-P terminal blocks, corresponding to T063 conversion module;
* X218-9 is designed for Siemens 40P port module, divides the 40P signal into 2 groups of signals and leads out with two wires, corresponding to T022 and T023 terminal blocks;
* It can realize the full plug-in connection from the PLC to the signal terminal, and minimize the probability of misconnection.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X218 — 1 — 1000

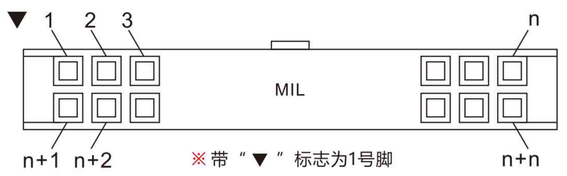
- X218：西门子对应电缆线 Siemens corresponding cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

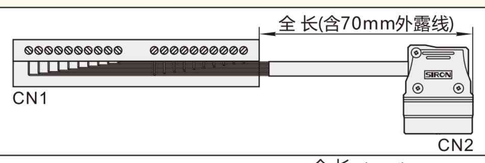
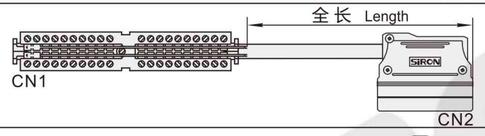
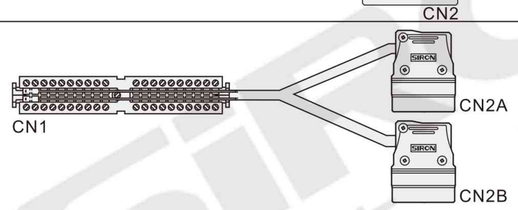
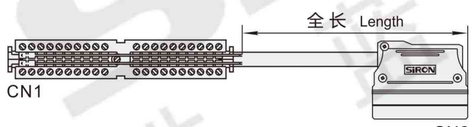
- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2
	制造商 Manufacturers	模块 Module	端子台*1 Terminal Blocks
X218-1	SIEMENS (S7-300Series)	20P插头的模块 20P Plug with a full range of general-purpose	T022 T032 T042 T052
X218-2		6ES7321-1BH02-0AA0 6ES7323-1BL00-0AA0(IN) 6ES7321-1BH00-0AA0 6AG1321-1BH02-2AA0	T004-P T060 T005-P T010
X218-3		6ES7321-1BH01-0AB0 6ES7321-7BH01-0AB0 6AG1321-7BH01-2AB0	T004-P T060 T005-P T010
X218-4		6ES7321-1BH50-0AA0	T004 T005 T060 T010
X218-5		6ES7322-1BH01-0AA0 6ES7322-1BH10-0AA0 6ES7322-1BF01-0AA0 6ES7323-1BL00-0AA0(OUT) 6AG1322-1BH01-2AA0	T004-P T060 Y444 Y448 Y318 T010
X218-6	SIEMENS (S7-300Series)	40P插头的模块 40P Plug with a full range of general-purpose	T024 T034 T044 T054
X218-7		6ES7321-1BL00-0AA0	T007-P T063 T008-P T011
X218-8		6ES7322-1BL00-0AA0	
X218-9		6ES7321-1BL00-0AA0 6AG1322-1BH01-2AA0 6ES7322-1BL00-0AA0	T022 T032 T042 T052
X218-10 X218-11 X218-12	SIEMENS (S7-1500Series)	25mm 40P推入式插头模块	T024 T034 T044 T058
		35mm 40P螺钉端子插头模式	
		35mm 40P推入式插头模块	

- 表中所列端子台产品为胜蓝公司产品，相关产品的详细资料请参阅本综合目录的T系列产品。
All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

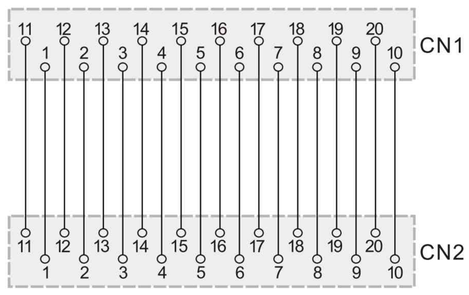
外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X218-1 X218-2 X218-3 X218-4 X218-5		CN1:20P/SIEMENS	CN2:20P/MIL	1000 1500 **注明:** 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.
X218-6 X218-7 X218-8		CN1:40P/SIEMENS	CN2:40P/MIL	
X218-9		CN1:40P/SIEMENS	CN2A:20P/MIL CN2B:20P/MIL	
X218-10 X218-11 X218-12		CN1:40P/SIEMENS	CN2:40P/MIL	

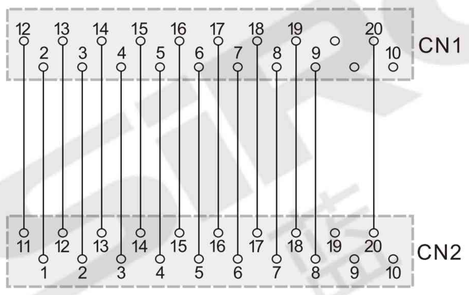
● 图中CN1为PLC侧,CN2为端子台侧。On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

电路图 Wiring Diagram

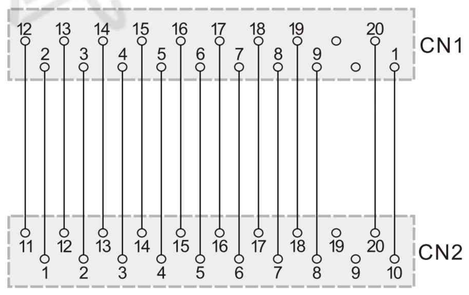
X218-1



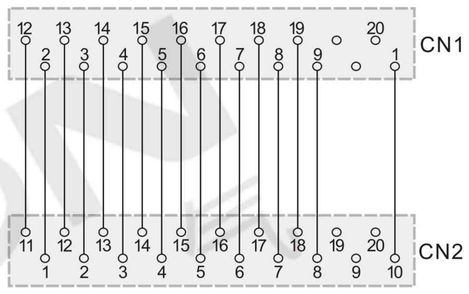
X218-2



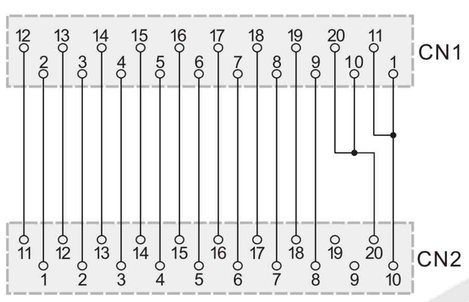
X218-3



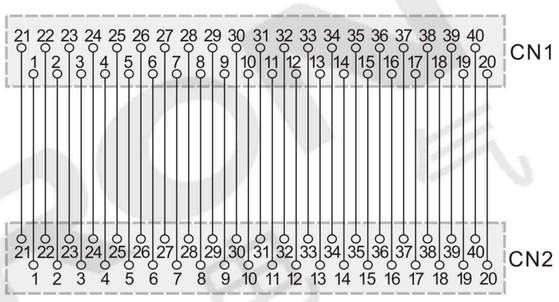
X218-4



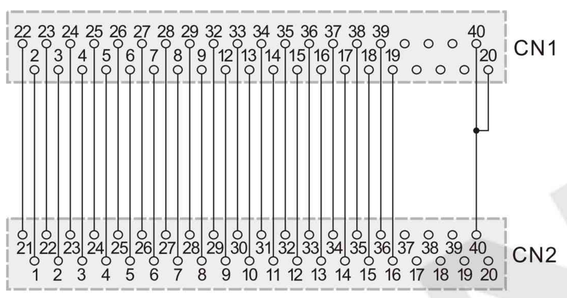
X218-5



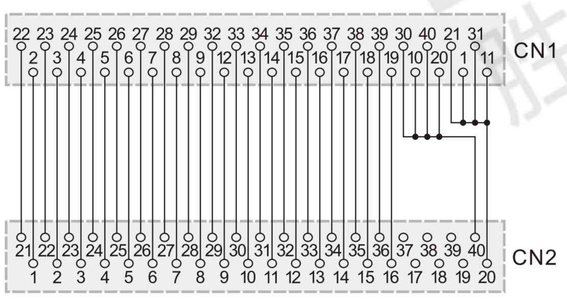
X218-6



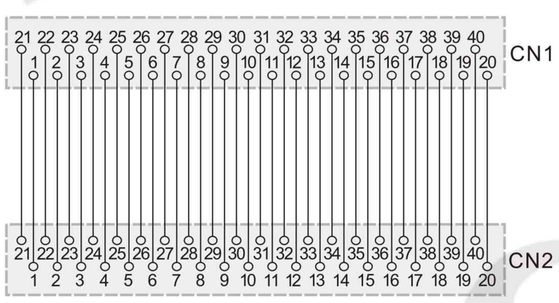
X218-7



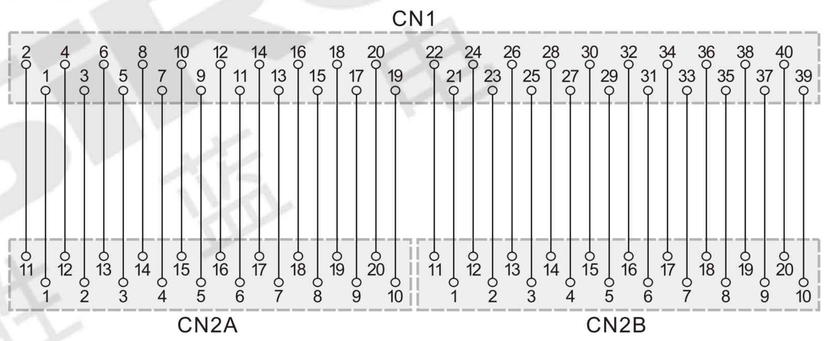
X218-8



X218-10/X218-11/X218-12



X218-9



横河PLC系列
对应电缆线
X219系列

横河PLCシリーズ対応ケーブルです
Yokogawa PLC series corresponding cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X219-1/X219-2



X219-3



X219-4/X219-7



X219-5



X219-6



X219-8

RoHS　省空间　PLC　耐热　电箱配线

特点 Features

* X219-1/X219-2针对横河 FA-M3系列I/O端口设计；对应T007、T008、T009接线端子台；
* X219-3针对横河 FA-M3系列I/O端口设计；将40位端口分为2组20P信号端口；对应T005接线端子台；
* X219-4针对横河 F3YP系列位控模块设计；
* X219-5～X219-8针对横河 F3NC系列位控模块设计；
* 对应转换模块，实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生概率

＊ X219-1/X219-2が横河FA-M3シーズI/Oポートに対応の設計；T007、T008、T009配線端子台に対応。
＊ X219-3が横河FA-M3シーズI/Oポートに対応の設計；40点ポートを2組20P信号ポートになり、T005配線端子台に対応。
＊ X219-4が横河F3YPシーズ位置制御モジュールに対応の設計。
＊ X219-5～X219-8が横河F3NCシーズ位置制御モジュールに対応の設計。
＊ コネクタモジュールに対応し、PLCから信号までとの繋ぐは完全に挿し込む式が実現することができます、最大限度に間違い接続の確率を減らします。

*X219-1/X219-2 I/O port designs for Yokogawa FA-M3 series. Corresponding to wiring terminal blocks T007&T008&T009.
*X219-3 I/O port designs for Yokogawa FA-M3 series. 40 port Will be divided into two 20 p signal port, corresponding to wiring terminal blocks T005.
*X219-4 position control module designs for Yokogawa F3YP series.
*X219-5~X219-8 position control module designs for Yokogawa F3NC series.
*Corresponding to conversion module, can realize a comprehensive connection between PLC and signal terminal, then minimize the probability to connect cables in wrong way.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X219 — 1 — 1000

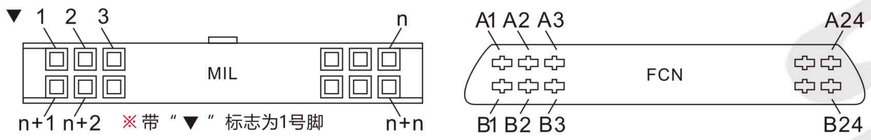
- X219：横河PLC对应电缆线 Yokogawa PLC corresponding cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

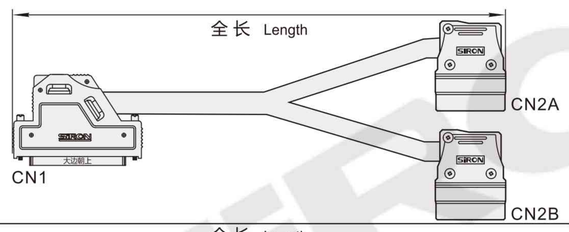
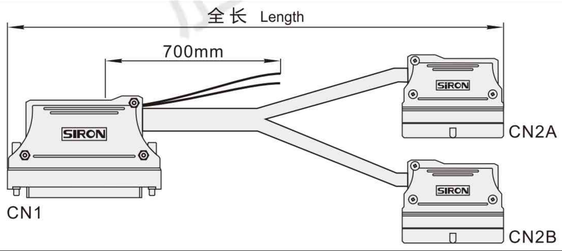
型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	制造商 Manufacturers	模块 Module	端子台*1 Terminal Blocks	
X219-1	Yokogawa (FA-M3 Series)	F3WD64-3N(IN) F3WD64-3F(IN)	T007 T008 T063 T011	——
X219-2		F3WD64-3N(OUT) F3WD64-3F(OUT)	T007 T009 T063 Y445 Y319 T011 Y449	
X219-3		F3WD32-3NF	T005 T006 T060 T010	

位控模块 Position Control Module

X219-4	Yokogawa (PLCFA-M3 Series)	F3YPO4/08/14/18-ON	T024 T034	
X219-5	Yokogawa	F3NC11(12)-ON	T066 T067	差分驱动 Differential drive
X219-6				集电极开路驱动 Open-collector bus driver
X219-7		F3NC32(34)-ON		位控模块专用 Customized for position control module
X219-8		F3YP04/08/14/18-ON		

- 表中所列端子台产品为胜蓝公司产品，相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

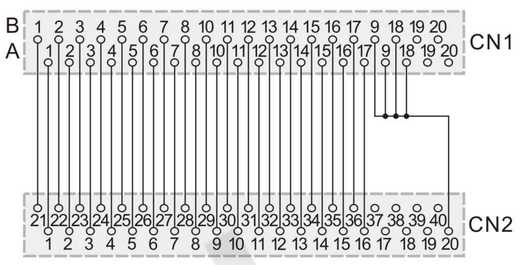
外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X219-1 X219-2		CN1:40P/FCN	CN2:40P/MIL	1000 1500 **注明:** 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.
X219-3		CN1:40P/FCN	CN2A:20P/MIL CN2B:20P/MIL	
X219-4 X219-7		CN1:48P/FCN	CN2:40P/MIL	
X219-5 X219-6		CN1:48P/FCN	CN2:40P/MIL	
X219-8		CN1:48P/FCN	CN2A:40P/MIL CN2B:40P/MIL	

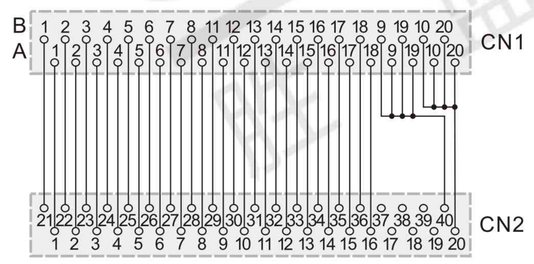
● 图中CN1为PLC侧,CN2为端子台侧。On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

电路图 Wiring Diagram

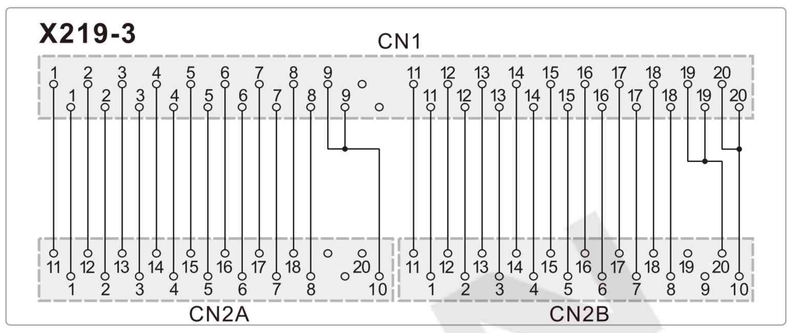
X219-1



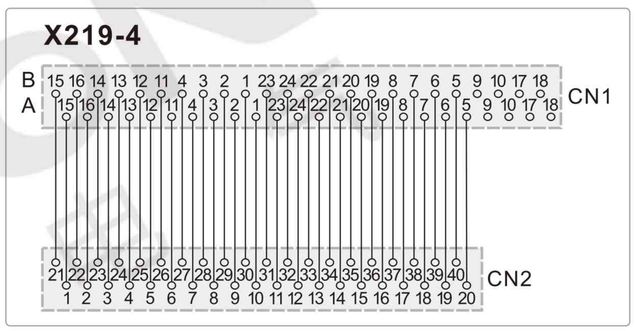
X219-2



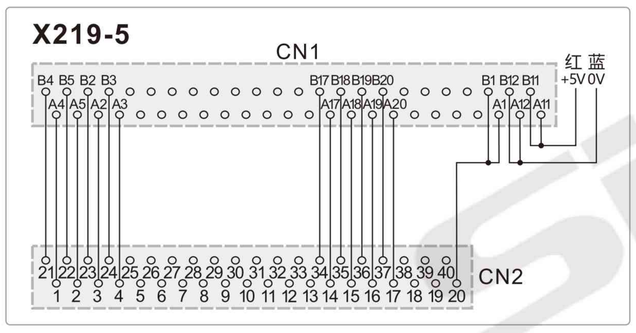
X219-3



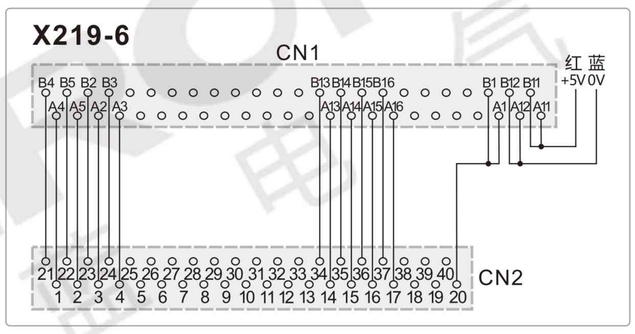
X219-4



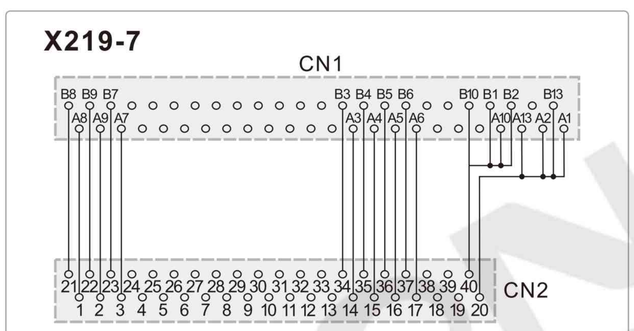
X219-5



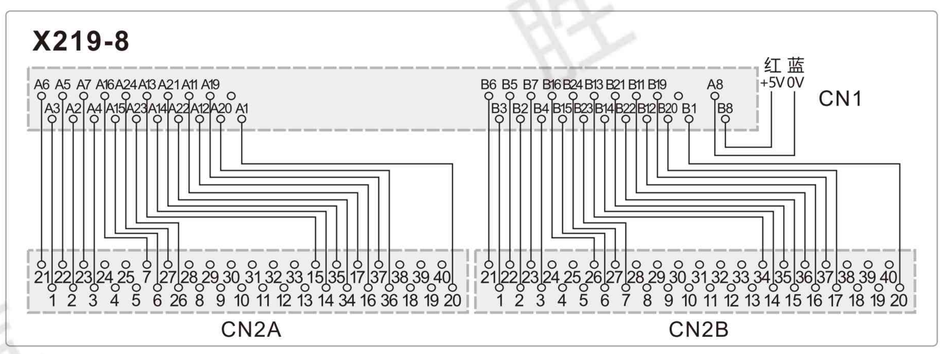
X219-6



X219-7



X219-8



KOYO系列对应 40P FCN电缆线

X21A系列

KOYOシリーズに対応している40P FCNケーブル
40P FCN cable corresponding to KOYO series



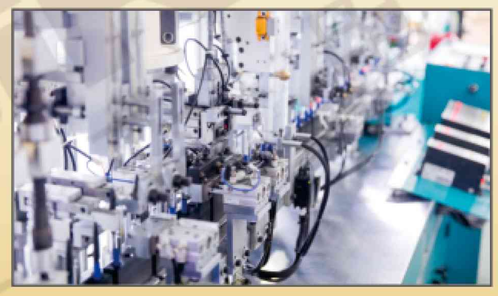
X21A-1/X21A-2



X21A-3

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 省空间 | PLC | 耐热 | 电箱配线

特点 Features

* 针对DL205/SU系列I/O端口设计，对应T007、T008、T009接线端子台；
* 对应T063转换模块，可以实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生概率。

* DL205/SUシリーズI/Oポート用に設計されており、T007、T008、T009端子台に対応します.
* T063コネクタモジュールに対応し、PLCから信号まで終端との接続は完全に挿しこむことができます、配線の間違い確率を最大限度に減らします.

* I/O port designs for DL205/SU series,Corresponding to wiring terminal blocks T007&T008&T009.
* Corresponding to conversion module T063, can realize a comprehensive connection between PLC and signal terminal, then minimize the probability to connect cables in wrong way.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X21A — 1 — 1000

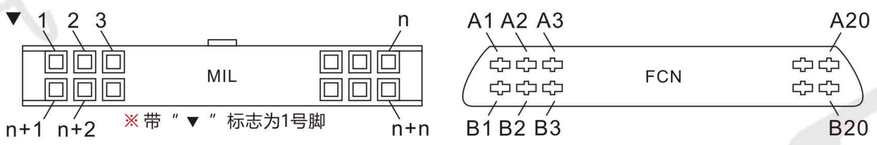
- X21A：KOYO对应40P FCN电缆线 (40P FCN cable corresponding to KOYO)
- 1：序号 (Serial number)
- 1000：长度 (Length(mm))

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

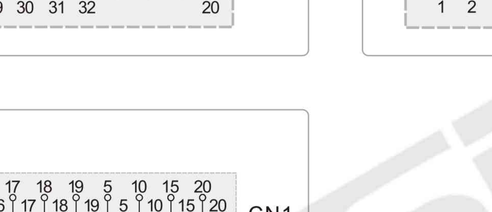
- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Remarks
	制造商 Manufacturers	模块 Module	端子台*1 Terminal Blocks	
X21A-1	Yoko (DL 205. SU Series)	D2-32ND3 D2-32ND3-2 U-08N U-09N U-38N	T007 T063 T008 T011	NPN
X21A-3			T011	PNP
X21A-2		D2-32TD1 D2-32TD2 U-18T U-19T U-38T	T007 T063 T009 T011 Y445 Y319	

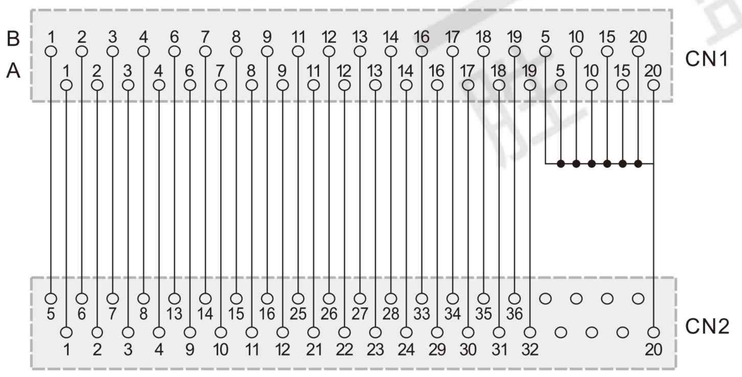
- 表中所列端子台产品为胜蓝公司产品,相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

外形图 Outline

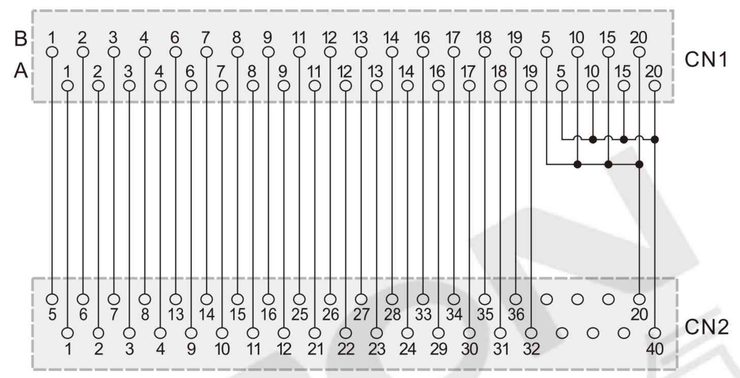
型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X21A-1 X21A-2 X21A-3		CN1: 40P/FCN	CN2: 40P/MIL	1000 1500 **注明:** 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cable is 500mm, and 1000mm for increasing if need.

电路图 Wiring Diagram

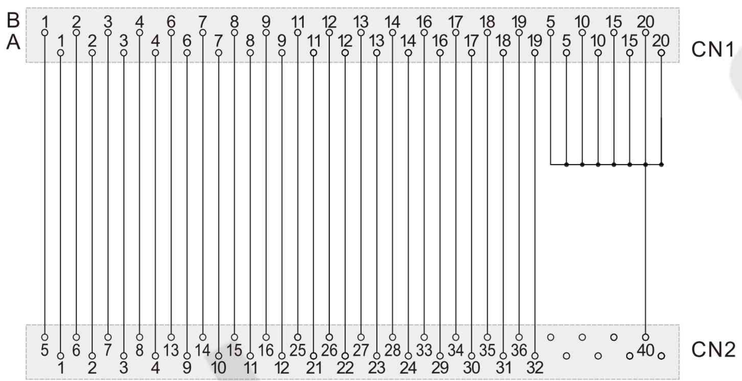
X21A-1



X21A-2



X21A-3



分类
Classification
以太网线
Ethernet cable
I/O预铸连接线
I/O cable
相机线
Camera cable
PLC对应电缆线
PLC cable
伺服对应电缆线
Servo cable
各类纯线材
Pure wire
辅助连接器
Connector

AB NX系列对应 20P MIL电缆线

X21B系列

AB NXシリーズに対応している20P MILケーブル
20P MIL cable corresponding for AB NX series



X21B-1



X21B-2

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS　省空间　PLC　耐热　电箱配线

特点 Features

* 针对NX系列I/O端口设计；
* 对应T005接线端子台；
* 对应T060转换模块，可以实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生概率。

* NXｼﾘｰｽﾞに対してI/Oポットの設計.
* T005配線端子台に対応.
* T060コネクタモジュールに対応し、PLCから信号まで終端との接続は完全に挿しこむことができます、配線の間違い確率を最大限度に減らします.

* I/O port designs for NX series.
* Corresponding to wiring terminal blocks T005.
* Corresponding to conversion module T060, can realize a comprehensive connection between PLC and signal terminal, then minimize the probability to connect cables in wrong way.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X21B — 1 — 1000

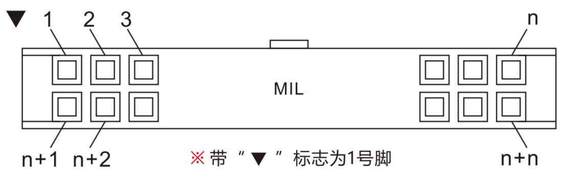
- X21B：AB NX对应20P MIL电缆线 (20P MIL cable corresponding for AB NX)
- 1：序号 (Serial number)
- 1000：长度 (Length(mm))

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2
	制造商 Manufacturers	模块 Module	端子台*1 Terminal Blocks
X21B-1	AB (Nx70 series)	NX70-X32D NX70-X32D1 NX70-XY32(IN)	T005 T060 T010
X21B-2		NX70-Y32P NX70-Y32(OUT)	

- 表中所列端子台产品为胜蓝公司产品,相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

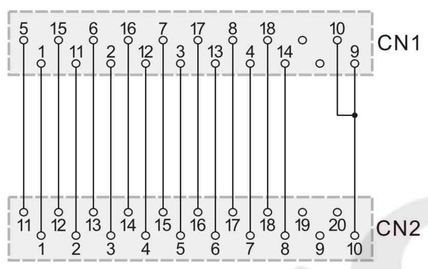
外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length (mm)
X21B-1	全长 Length; CN1; CN2	CN1:20P/MIL CN2:20P/MIL		1000 1500 注明: 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cableis 1000mm,and 1000mm for increasing if need.
X21B-2				

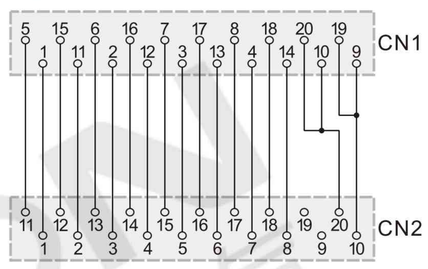
- 图中CN1为PLC侧,CN2为端子台侧。 On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

电路图 Wiring Diagram

X21B-1



X21B-2





X21C-1



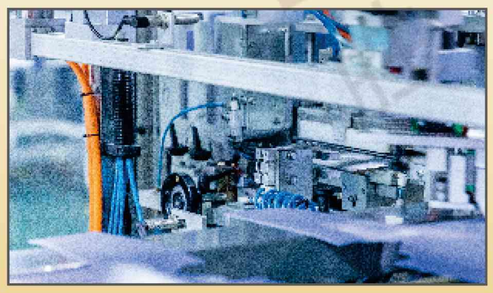
X21C-2

施耐德系列对应电缆线
X21C系列

シュナイダーシステム対応ケーブル
Corresponding Schneider Series Cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 省空间 | PLC | 耐热 | 电箱配线

特点 Features

* 针对施耐德系列I/O端口设计；
* 对应T005，T006,T008,T009接线端子台；
* 对应T060,T063转换模块，可以实现从PLC到信号终端之间的全插接式连接，最大限度的减少接错线发生概率。

* NXｼﾘｰｽﾞに対してI/Oポットの設計；
* T005，T006，T008，T009配線端子台に対応；
* T060，T063コネクタモジュールに対応し、PLCから信号まで終端との接続は完全に挿しこむことができます、配線の間違い確率を最大限度に減らします.

* I/O port designs for NX series ;
* Corresponding to wiring terminal blocks T005,T006,T008,T009 ;
* Corresponding to conversion module T060, T063,can realize a comprehensive connection between PLC and signal terminal, then minimize the proba bility to connect cables in wrong way.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X21C — 1 — 1000

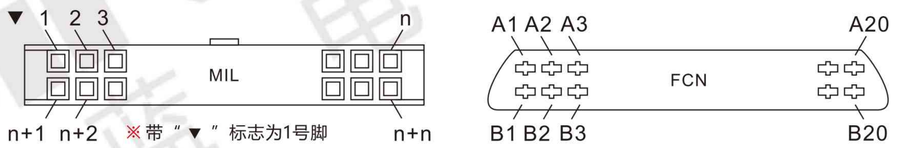
- X21C：施耐德对应电缆线 Corresponding Schneider Cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意： 以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,详情请咨询相关销售人员。
Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. Please contact sales for more details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
  Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2
	制造商 Manufacturers	模块 Module	端子台*1 Terminal Blocks
X21C-1	MODICOM	BMXDDI3202K/6402K BMXDDNB202K BMXDDO3203K/6402K	T007 T008 T009 T063 Y445 Y314 T011
X21C-2	PREMIUM	DSY32T2K TSXDEY32D2K DSY64T2K TSXDEY16FK TSXDSY64T2K TSXDEY64D2K TSXDSY32T2K TSXDEY32D3K	T004 T005 T006 T060 Y444 Y313 T010

- 表中所列端子台产品为胜蓝公司产品,相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

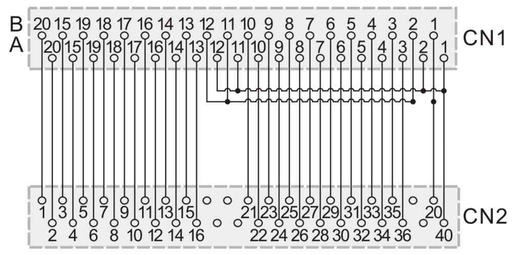
外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length (mm)
X21C-1		CN1:40P/FCN	CN2:40P/MIL	1000 1500 注明: 最短线长为1000mm，如需增加以1000mm为单位递增。 Notes: The minimum cableis 1000mm,and 1000mm for increasing if need.
X21C-2		CN1:20P/MIL	CN2:20P/MIL	

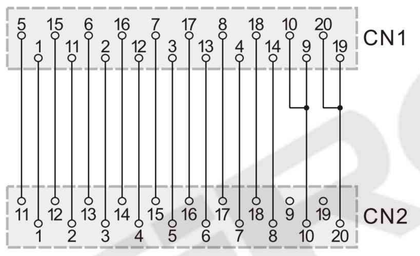
- 图中CN1为PLC侧,CN2为端子台侧。 On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

电路图 Wiring Diagram

X21C-1



X21C-2



台达PLC对应电缆线

X21E系列

デルタPLCに対応

Corresponding to Delta PLC



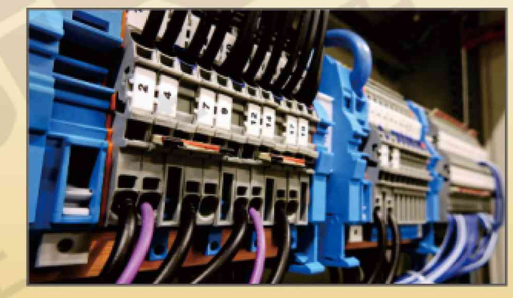
X21E-1



X21E-2/X21E-2P

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 省空间 | PLC | 耐热 | 电箱配线

特点 Features

* 采用小径导体，柔软外被电缆制作，抗弯曲性能良好；
* 标配插头外壳，整体颜色协调、美观；
* 提供单头，双头缆线，适用场合范围宽广。

* 小径導体を採用して、ケーブルのカバはあわらかい材料で作られて、曲げには強い;
* プラグは標準仕様のカバー、全体の色は調和して、美観です;
* 単頭、双頭の線があって提供しますので、もっと多くの場所を適用できます。

* Used path conductor and cable is covered by soft materials, also with good flexural performance.
* With standard plug cover, and all colors march together and beautiful.
* Supplies single cable and double cable which can be applicable to many different situations.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体材料 Conductor material	软铜线
绝缘材料 Insulation materials	PE
芯线捻合 Twist and polishing	填充: 棉线；包带:纸带
隔离 Isolation	无
外表被覆 Appearance condition coating	PVC
导体阻抗(20℃) Conductor impedance	239Ω/Kn 以下
耐电压(空中) Voltage resistance (air)	AC500V/min
绝缘抵抗(20℃) Insulation resistance	50MΩ/Kn 以上

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

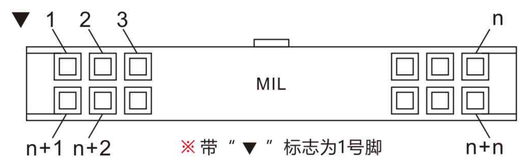
X21E — 1 — 1000

- X21E：台达PLC对应电缆线 Corresponding to Delta PLC
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,如需使用拖链线材，请在型号后加“T”详情请咨询相关销售人员。

Notice：The above is standard cable model. If you need the screen cables, Please sign “S” after the model. If you want to usethe chain wire, Please sign “T” after the model. Please contact sales for more details.

孔位排列表 Holes arrangement table



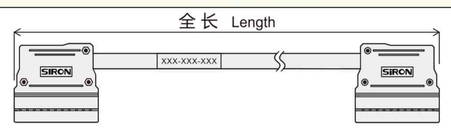
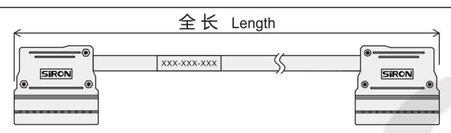
注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

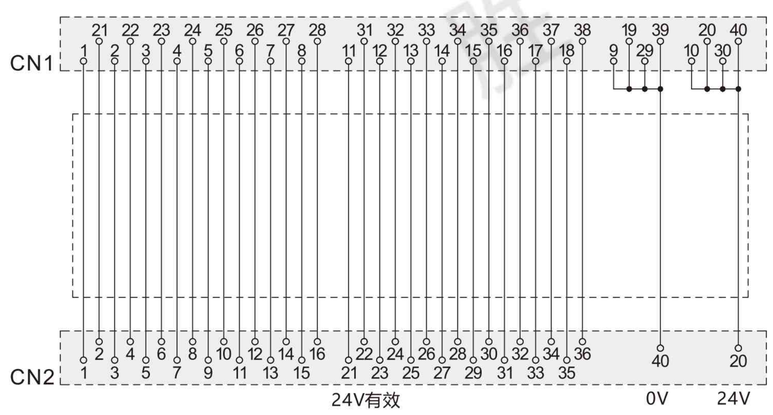
型号 Model	CN1对应*1 Corresponding to CN1			CN2对应 Corresponding to CN2
	品牌 Brand	模块 Module	输出 Output	端子台*2 Terminal Blocks
X21E-1	台达	DVP32SN11TN	PNP	T011、Y449
X21E-2		DVP32SM11N	NPN输入	
		AS32AM10N-A		
X21E-2P		DVP32SM11N	PNP	
		AS32AM10N-A		
		AS32AN02T-A	NPN	

外形图 Outline

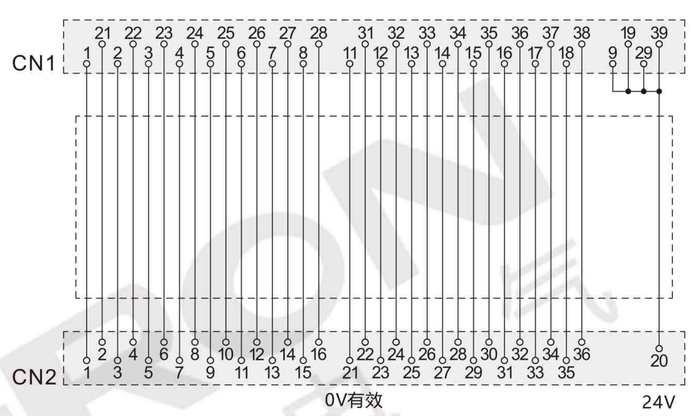
型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X21E-1		40P/MIL		1000 1500 **注明:** 标准长度为：1000mm、1500mm两种规格，如有其他长度需求，必须以1000mm为单位递增，具体请联系我们。 Standard length: 1000mm and 1500mm two kinds of specifications, as have other lenght should be ,be in 1000mm for increasing unit,spectific please contact us.
X21E-2				
X21E-2P				

电路图 Wiring Diagram

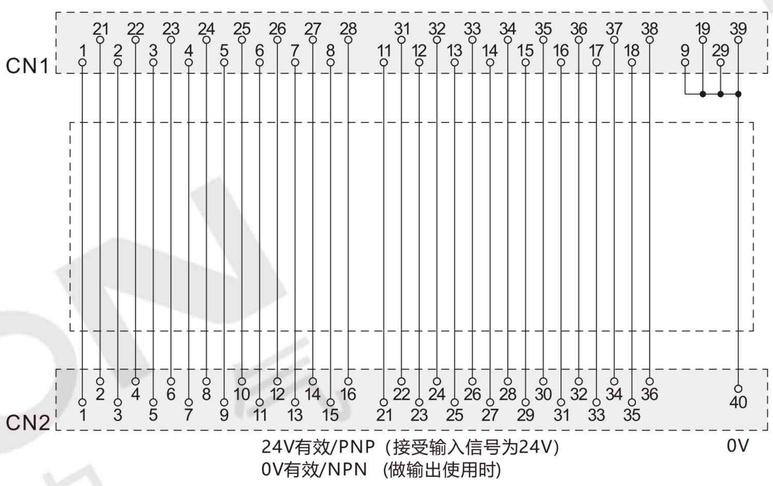
X21E-1



X21E-2



X21E-2P



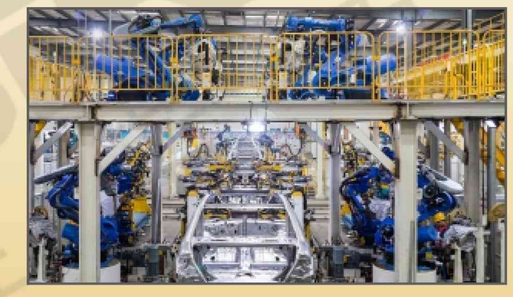
汇川PLC对应电缆线

X21F系列

彙川PLC对应
Inovance PLC corresponding

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X21F-1/X21F-2/X21F-3



X21F-4/X21F-5/X21F-5P/X21F-7



X21F-15/X21F-17/X21F-17P



X21F-25/X21F-26/X21F-27/X21F-28

RoHS | 省空间 | PLC | 耐热 | 电箱配线

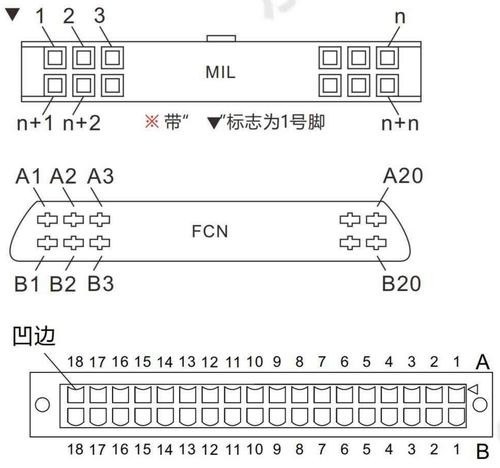
特点 Features

* 采用小径导体，柔软外被电缆制作，抗弯曲性能良好；
* 标配插头外壳，整体颜色协调、美观；
* 提供单头，双头缆线，适用场合范围宽广。

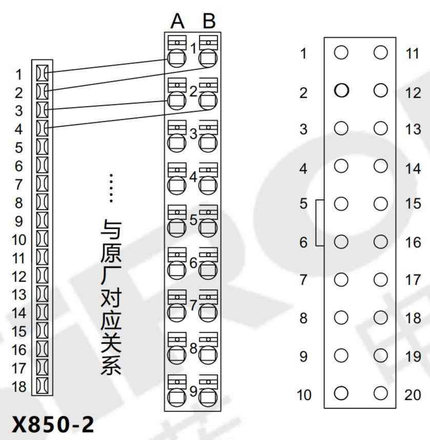
* 小径導体を採用して、ケーブルのカバはあわらかい材料で作られて、曲げには強い；
* プラグは標準仕様のカバー、全体の色は調和して、美観です；
* 単頭、双頭の線があって提供しますので、もっと多くの場所を適用できます。

* Used path conductor and cable is covered by soft materials, also with good flexural performance.
* With standard plug cover, and all colors march together and beautiful.
* Supplies single cable and double cable which can be applicable to many different situations.

孔位排列表 Holes arrangement table



X850-1



X850-2

注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X21F — 1 — 1000

- X21F：汇川PLC对应电缆线 Inovance PLC corresponding
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意： 以上为标准缆线型号。如需使用屏蔽线材，请在型号后加“S”,如需使用拖链线材，请在型号后加“T”详情请咨询相关销售人员。
Notice： The above is standard cable model. If you need the screen cables, Please sign “S” after the model. If you want to usethe chain wire, Please sign “T” after the model. Please contact sales for more details.

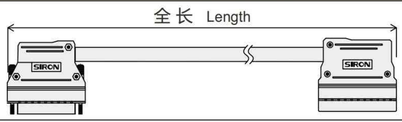
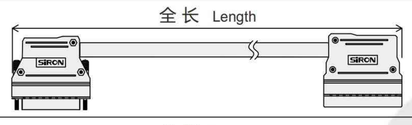
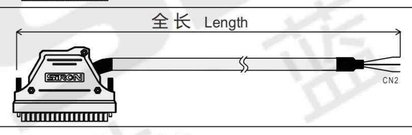
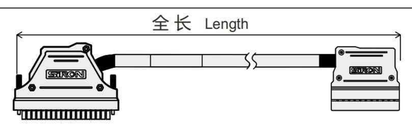
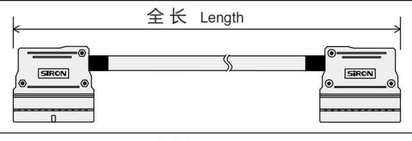
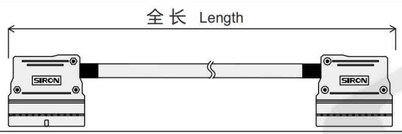
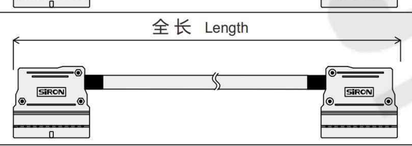
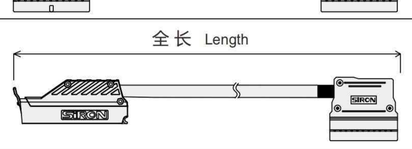
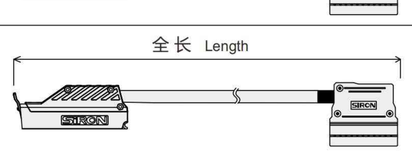
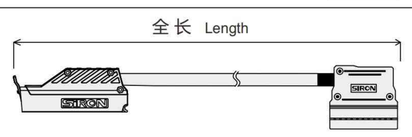
缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带；纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下; 绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

端口对应列表 Port corresponding list

型号 Model	CN1对应*1 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	品牌 Brand	模块 Module	端子台*2 Terminal Blocks	
X21F-1	汇川 Inovance	AM600-3200END	T011	PNP
X21F-2		AM600-3200END	T011	NPN
X21F-3		AM600-0032ETN	Y449,T011	/
X21F-4		36Pin汇川弹片接口模块	T024	/
X21F-5		GL10-3200END	T011	NPN
X21F-5P				PNP
X21F-7		GL10-0032ETN	Y449,T011	/
X21F-15		GL20-0032ETN-M/GL20-3232ETN	Y449	/
X21F-17		GL20-3200END-M/GL20-3232ETN	T011	NPN
X21F-17P				PNP
X21F-25		GL20-3200END 18Pin汇川弹片接口模块	T022	/
X21F-26			T060	NPN
X21F-27			T060	PNP
X21F-28			T060	/

外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X21F-1		40P/FCN	40P/MIL	1000 1500
X21F-2				
X21F-3				
X21F-4		36P/X850-1	40P/MIL	
X21F-4D			无	
X21F-5			40P/MIL	
X21F-5P				
X21F-7				
X21F-15		40P/MIL	40P/MIL	
X21F-17				
X21F-17P				
X21F-25		18P/X850-2	20P/MIL	
X21F-26				
X21F-27				
X21F-28				

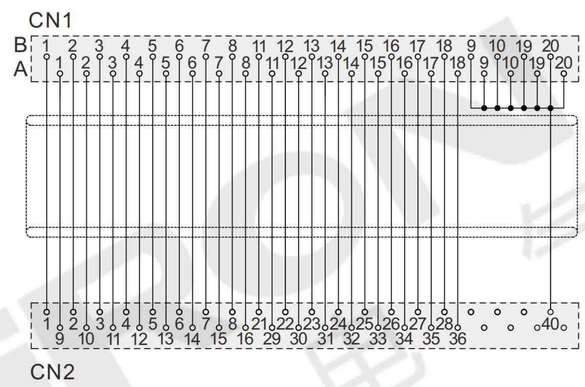
注明:

标准长度为：1000mm、1500mm两种规格，如有其他长度需求，必须以1000mm为单位递增，具体请联系我们。

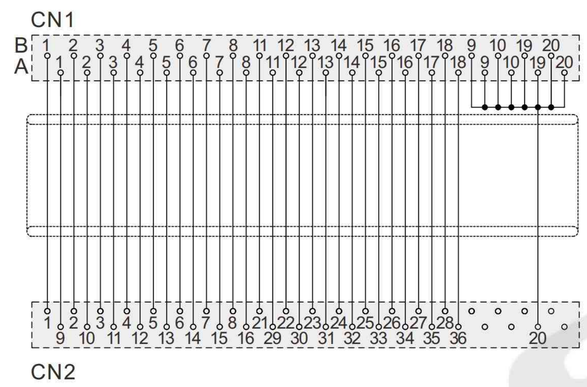
Standard length: 1000mm and 1500mm two kinds of specifications, as have other length should be, be in 1000mm for increasing unit, specific please contact us.

电路图 Wiring Diagram

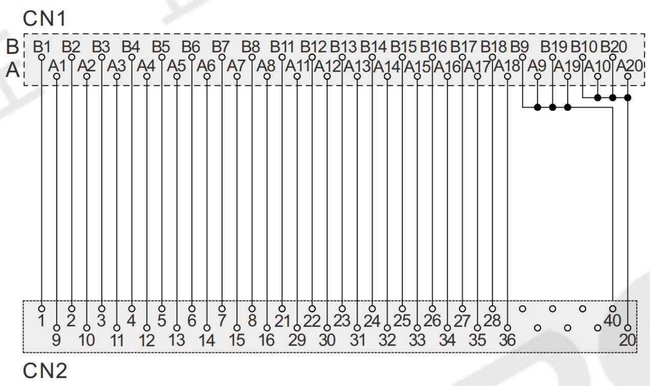
X21F-1



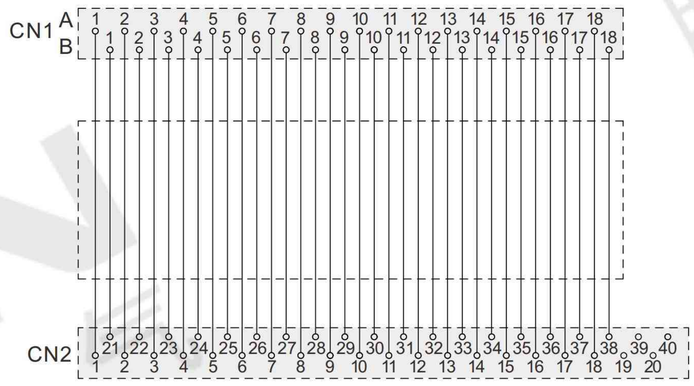
X21F-2



X21F-3



X21F-4



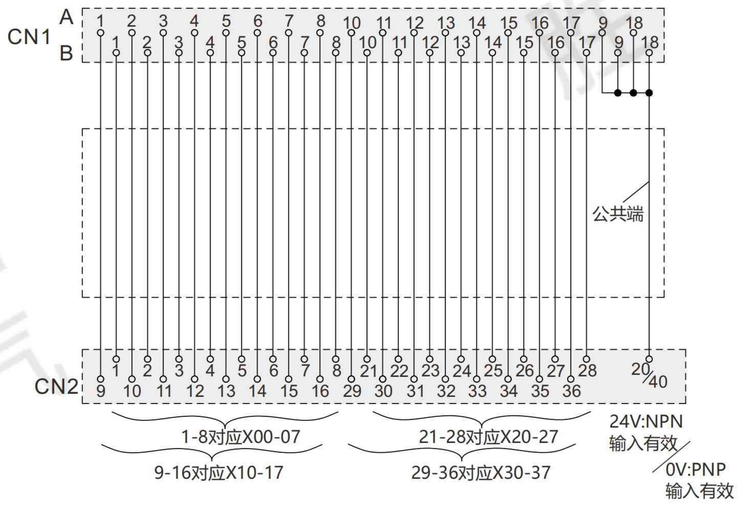
电路图 Wiring Diagram

X21F-4D

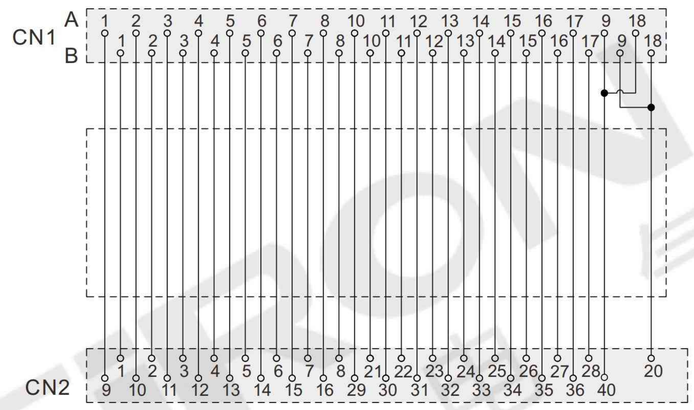
全线引出

A1
A2
A3
~
A18
B1
B2
B3
~
B18

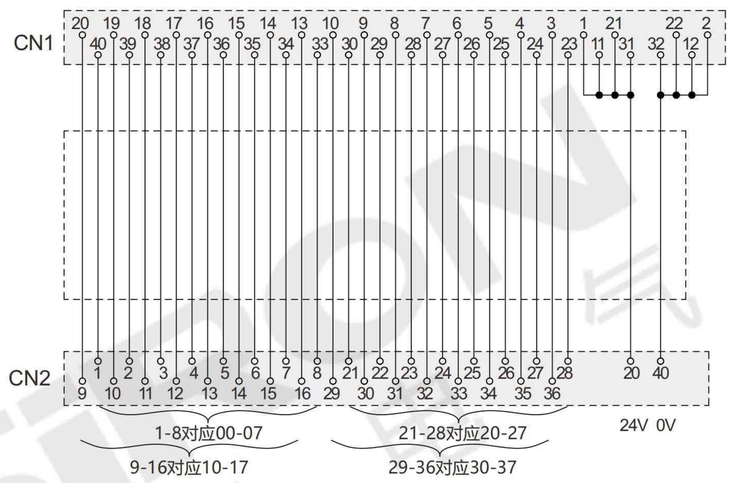
X21F-5/X21F-5P



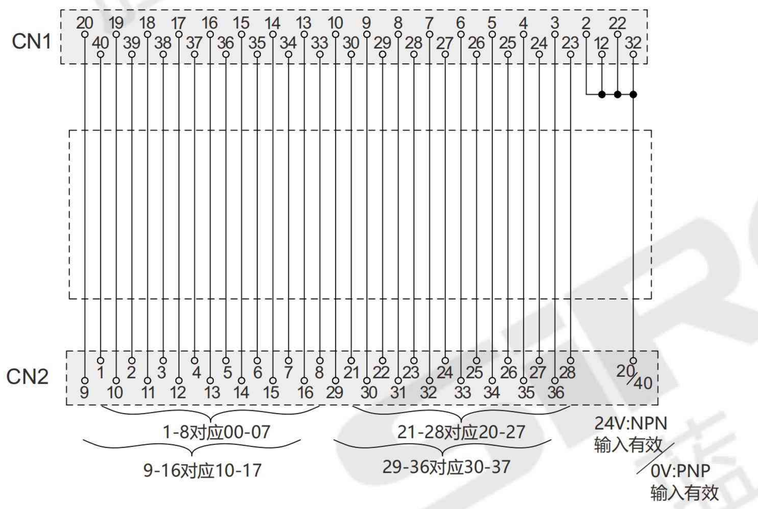
X21F-7



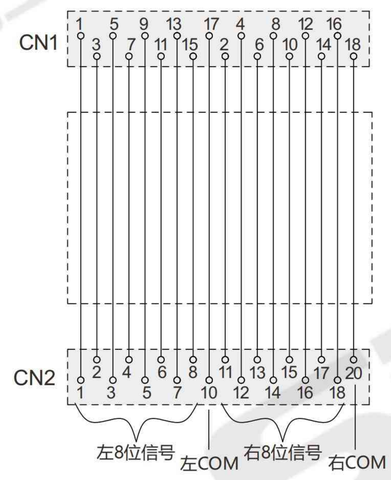
X21F-15



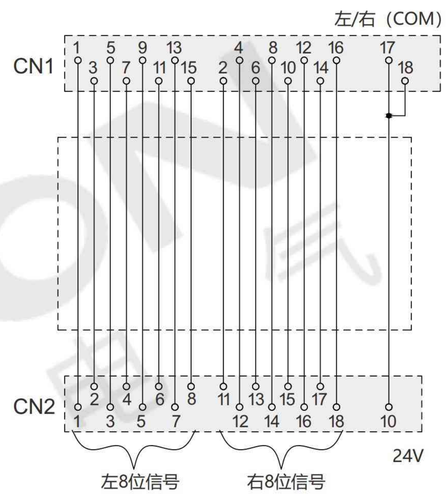
X21F-17/X21F-17P



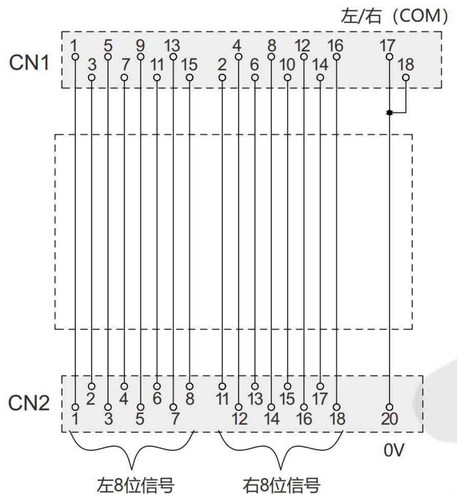
X21F-25



X21F-26



X21F-27



X21F-28



分类
Classification
以太网线
Ethernet cable
I/O预铸连接线
I/O cable
相机线
Camera cable
PLC对应电缆线
PLC cable
伺服对应电缆线
Servo cable
各类纯线材
Pure wire
辅助连接器
Connector

伺服驱动器信号控制线
Servo Driver Signal Control Wire

工业级·电缆线
Industrial grade·Cables

线身坚韧 安全可靠

The cable body is tough, safe and reliable



质量保障
Quality Assurance

性能稳定
Stable performance

优质材料
High-quality materials

经久耐用
Durable

工艺严谨
The craftsmanship is rigorous

节省空间
Space-saving

耐油污耐高低温
Resistant to oil stains and high and low temperatures

高柔性外护套
Highly flexible outer sheath

耐折1000万次
Resistant to bending 10 million times



更高的传输速度
Higher transfer speeds

更低的信号干扰
Lower signal interference

更长的使用寿命
Longer service life

产品特点
Product Advantages

* 适用于各品牌的伺服控制器；
* 节省配线时间，配合本公司端子台模块，使配线更方便、直观。

* It is suitable for all brands of servo controllers;
* Save wiring time, cooperate with the company's terminal block module, make wiring more convenient and intuitive.

MDR 电缆线

X220系列

MDRケーブル
MDR Cable

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X220-1S



X220-4S



X220-3S



X220-1DS~X220-9DS

RoHS　省空间　PLC　耐热　电箱配线

特点 Features

* X220-1S/X220-1DS适用于带50P插头的伺服控制器；
* X220-2DS适用于带26P插头的伺服控制器；
* X220-3S/X220-3DS适用于带20P插头的伺服控制器；
* 节省配线时间，配合本公司端子台模块，使配线更方便、直观。

* X220-1S/X220-1DSが50Pプラグを付きのサーボコントロール機構に適用；
* X220-2DSが26Pプラグを付きのサーボコントロール機構に適用；
* X220-3S/X220-3DSが20Pプラグを付きのサーボコントロール機構に適用；
* 配線時間を節約、当社の端子台モジュールと合わせて、配線が最も便利で、直観的。

* X220-1S / X220-1 DS applies to 50 p plug servo controller ;
* X220-2DS applies to 26 p plug servo controller ;
* X220-3S/X220-3DS applies to 20 p plug servo controller ;
* Saving wiring time, cooperating with our company terminal modules, make the wiring more convenient and intuitive.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X220 — 1S — 1000

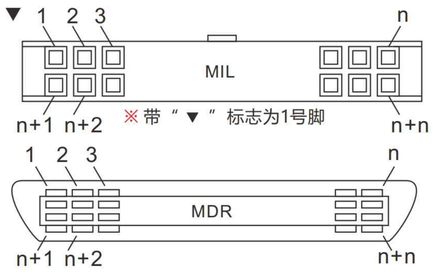
- X220：MDR 电缆线 MDR Cable
- 1S：序号 Serial number
- 1000：长度 Length(mm)

注意： 以上为标准型号。如需另一侧为散线，请在型号后加“D”,详情请咨询相关销售人员。
Notice : The above are standard models. If you need a loose line on the other side, please add "D"after the model. For details, please consult relevant sales staff.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带:纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗: 239Ω/Kn 以下绝缘抵抗: 50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

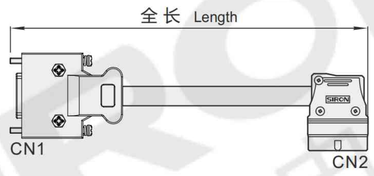
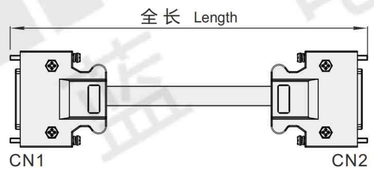
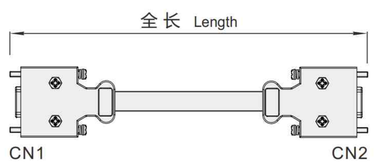
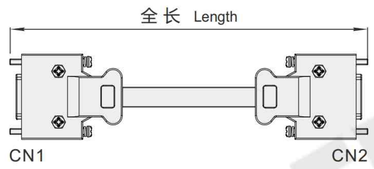
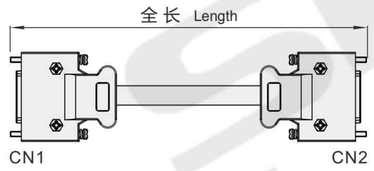
- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1	CN2对应 Corresponding to CN2
	品牌 Brand	端子台*1 Terminal Blocks
X220-1S	PANASONIC KEYENCE YASKAWA FUJI	T064　T234
X220-3S		T022　T032
X220-4S		T235
X220-5S	DELTA SANYO AB MITSUBISHI	——
X220-8S		T232
X220-9S		T233

- 表中所列端子台产品为胜蓝公司产品,相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.

外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X220-1S		CN1: 50P/MDR	CN2: 50P/MDR	1000 1500
X220-3S		CN1: 20P/MDR	CN2: 20P/MIL	
X220-4S		CN1: 36P/MDR	CN2: 36P/MDR	
X220-5S		CN1: 14P/MDR	CN2: 14P/MDR	
X220-8S		CN1: 20P/MDR	CN2: 20P/MDR	
X220-9S		CN1: 26P/MDR	CN2: 26P/MDR	

注明:

最短线长为1000mm，如需增加以1000mm为单位递增。

Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.

● 图中CN1为PLC侧,CN2为端子台侧。 On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

电路图 Wiring Diagram

X220-1S

全线直接

CN1 — CN2

1 — 1
2 — 2
3 — 3
≈ ≈
49 — 49
50 — 50

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫	粉红灰	粉红白	浅绿黑	浅绿棕
孔位	41	42	43	44	45	46	47	48	49	50
颜色	浅绿红	浅绿橙	浅绿黄	浅绿紫	浅绿灰	浅绿白	浅蓝黑	浅蓝棕	浅蓝红	浅蓝橙

X220-3S

全线直接

CN1 — CN2

1 — 1
2 — 2
3 — 3
≈ ≈
19 — 19
20 — 20

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝

X220-4S

全线直接

CN1 — CN2

1 — 1
2 — 2
3 — 3
≈ ≈
25 — 25
36 — 36

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36				
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫				

X220-5S

全线直接

CN1 — CN2

1 — 1
2 — 2
3 — 3
≈ ≈
13 — 13
14 — 14

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14						
颜色	浅绿	浅蓝	粉红	白注黑						

X220-8S

全线直接

CN1 — CN2

1 — 1
2 — 2
3 — 3
≈ ≈
19 — 19
20 — 20

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝

X220-9S

全线直接

CN1 — CN2

1 — 1
2 — 2
3 — 3
≈ ≈
25 — 25
26 — 26

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26				
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙				

伺服信号控制线
X221系列

サーボ信号制御線
The servo signal line



X221/X222/X223



X221-5S/X222-4S/X223-3S

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 省空间 | PLC | 耐热 | 电箱配线

特点 Features

* 适用于伺服位置控制模式；
* 均可减少配线时错误发生的概率，节省配线时间；
* 配合本公司端子台模块，实现伺服控制最小化配线。

* サーボの位置制御モデルに適用；
* 配線の間違い確率を減らし、配線時間を節約；
* 当社の端子台モジュールと合わせて、サーボ制御機構の省スペス配線ができます。

* Suitable for position control mode of the servo systerm;
* All can reduce the probability of wiring error, saving wiring time.
* Cooperate with our company's terminal modules, realizing to minimize wiring of servo control.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

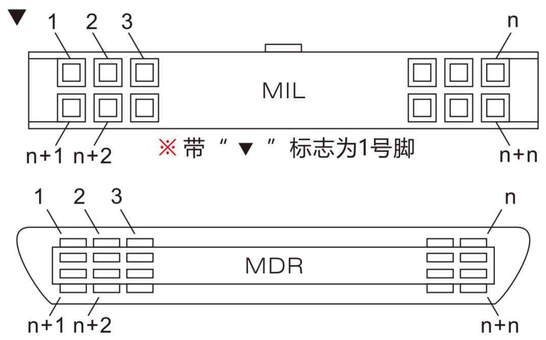
X221 — 1S — 1000

- X221：伺服信号控制线 The servo signal line
- 1S：序号 Serial number
- 1000：长度 Length(mm)

缆线规格 Cable specification

导线规格及构成 Wire specifications and composition	AWG28；7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线;绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线;包带;纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗:239Ω/Kn 以下；绝缘抵抗:50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table



注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

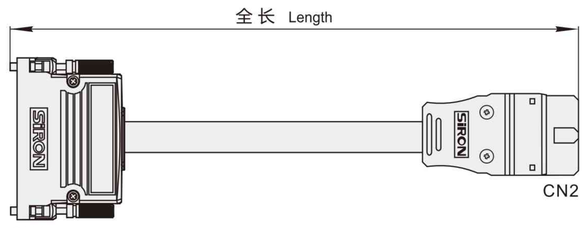
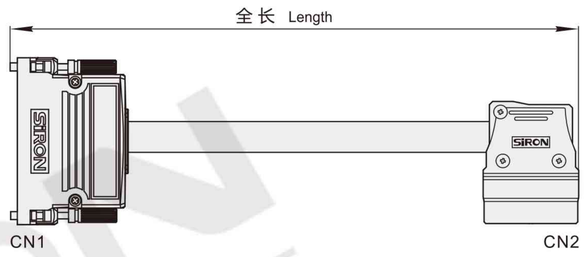
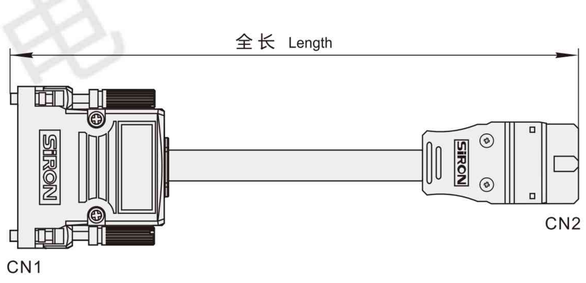
型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	品牌 Brand	伺服驱动器 Servo drive	端子台*1 Terminal Blocks	
X221-1S	MITSUBISHI	J3系列 JE系列*1	T066 T067 T021	差分驱动方式 Differential Drive Mode
X221-2S				集电极开路方式 Open collector mode
X221-3S		ES系列		差分驱动方式 Differential Drive Mode
X221-4S				集电极开路方式 Open collector mode
X221-5S		J3系列	T022 T032	——
X222-1S	PANASONIC	MINAS A4/A5系列	T066 T067 T021	差分驱动方式(频率<500KHz) Differential Drive Mode
X222-2S				集电极/24V脉冲方式 Collector / 24V pulse mode
X222-3S				差分驱动方式(频率>500KHz) Differential Drive Mode
X222-4S		J3系列	T022 T032	——

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1		CN2对应 Corresponding to CN2	备注 Note
	品牌 Brand	伺服驱动器 Servo drive	端子台*1 Terminal Blocks	
X223-1S	YASKAWA	Σ-V 系列	T066 T067 T021	差分驱动方式 Differential Drive Mode
X223-2S				集电极开路方式 Open collector mode
X223-3S			T022 T032	——
X224-1S	DELTA	ASDA-A/AB	T066 T067 T021	差分驱动方式 Differential Drive Mode
X224-2S				集电极开路方式 Open collector mode
X224-3S				差分驱动方式 Differential Drive Mode
X225-1S	SANYO	R系列 Q系列	T066 T067 T021	差分驱动方式 Differential Drive Mode
X225-2S				集电极输出方式 Open collector mode
X226-1S	FUJI	FALDIC-W系列	T066 T067 T021	差分驱动方式 Differential Drive Mode
X226-2S				集电极输出方式 Open collector mode
X227-1S	AB	CSDP系列 CSD3系列	T066 T067 T021	差分驱动方式 Differential Drive Mode
X227-2S				集电极输出方式 Open collector mode

- 表中所列端子台产品为胜蓝公司产品,相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refer to the comprehensive catalogue for the relative specifications of T series products.
- *1: 客户不需要用到M01，M02与LG信号时，可以与J3系列信号线通用。
  When customers don't need to use M01, M02 and LG signal, can use the J3 series signal lines.
- *2: 可根据客户需求定制电缆线。
  Can be customized cable according to customer's requrirements.

外形图 Outline

型号 Model	外形图 Dimensions	CN1	CN2	全长 Length(mm)
X221-1S X221-2S X222-1S X222-2S X222-3S X223-1S X223-2S X224-1S X224-2S X224-3S X225-1S X225-2S X227-1S X227-2S		CN1: 50P/MDR CN2: 10P/MIL		1000 1500
X221-5S X222-4S X223-3S		CN1: 50P/MDR CN2: 20P/MIL		
X221-3S X221-4S X226-1S X226-2S		CN1: 26P/MDR CN2: 10P/MIL		

注明:
最短线长为1000mm，如需增加以1000mm为单位递增。
Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.

- 图中CN1为PLC侧,CN2为端子台侧。
  On the drawing, CN1 refers to PLC, CN2 refers to terminal block.

分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

伺服驱动器信号控制线系列

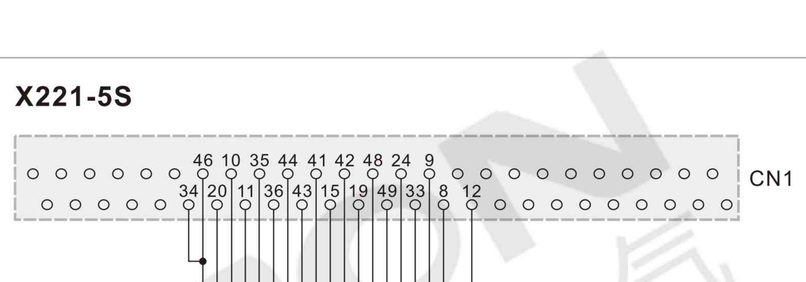
Servo Driver Signal Wire Series
サーボドライブ信号制御ケーブル

分类 Classification

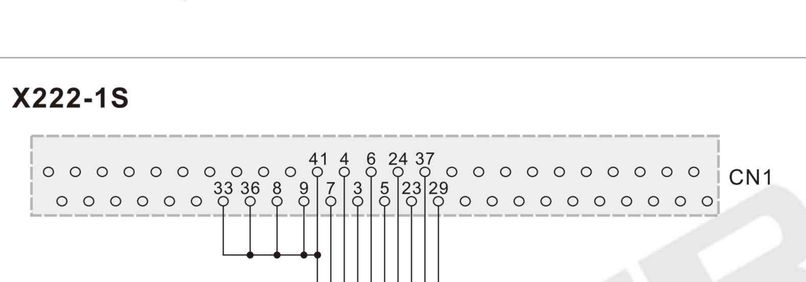
- 以太网线 Ethernet cable
- I/O预铸连接线 I/O cable
- 相机线 Camera cable
- PLC对应电缆线 PLC cable
- **伺服对应电缆线 Servo cable**
- 各类纯线材 Pure wire
- 辅助连接器 Connector

电路图 Wiring Diagram

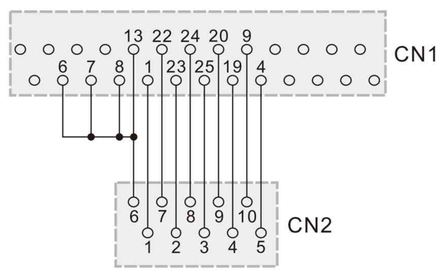
X221-1S



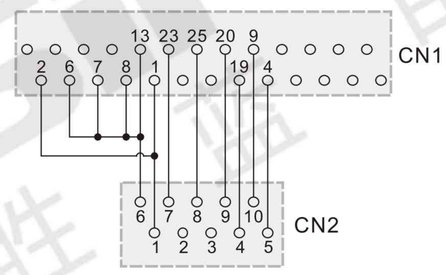
X221-2S



X221-3S



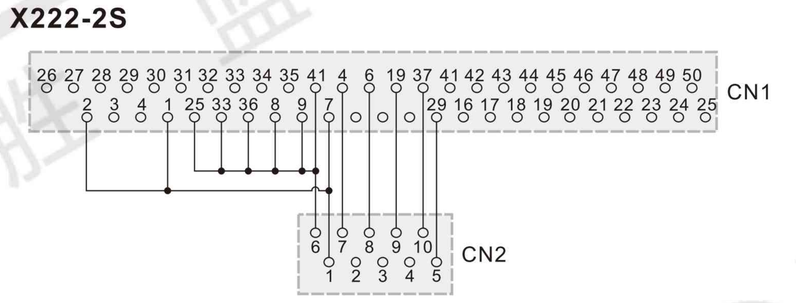
X221-4S



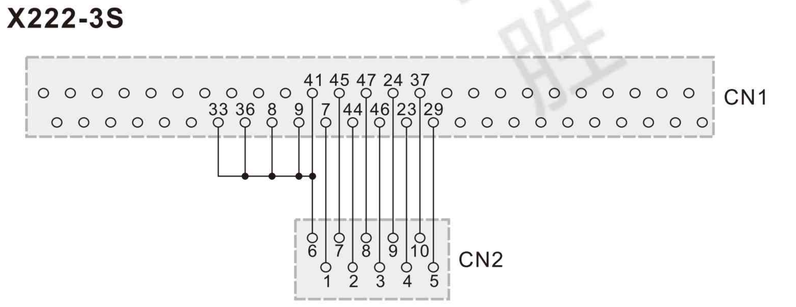
X221-5S

X222-1S

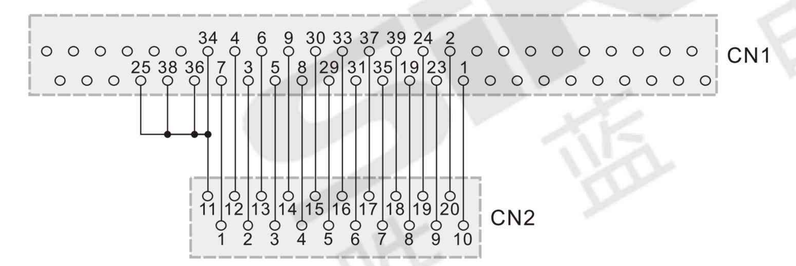
X222-2S



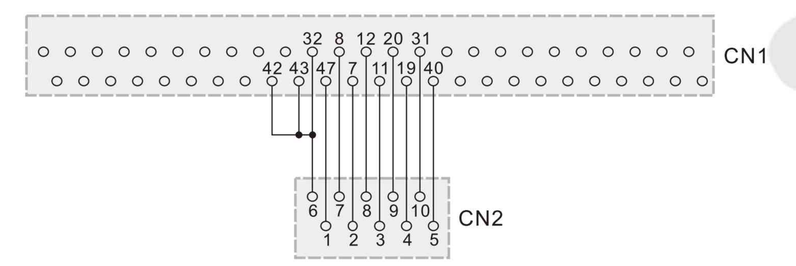
X222-3S



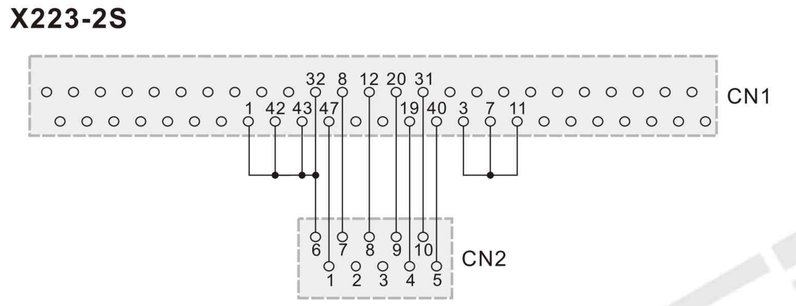
X222-4S



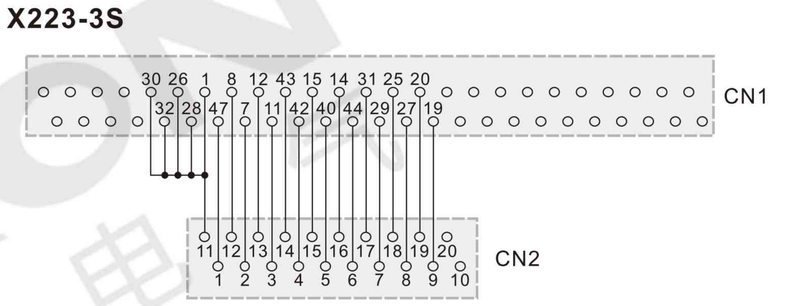
X223-1S



X223-2S

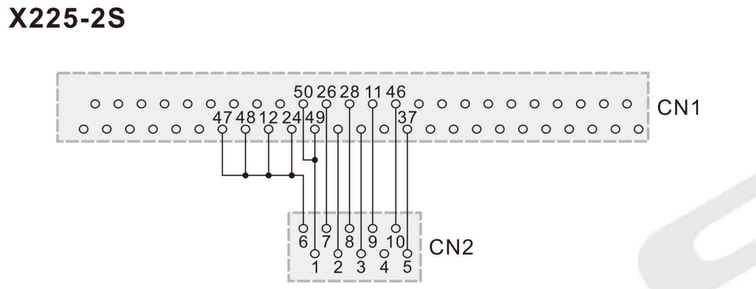


X223-3S

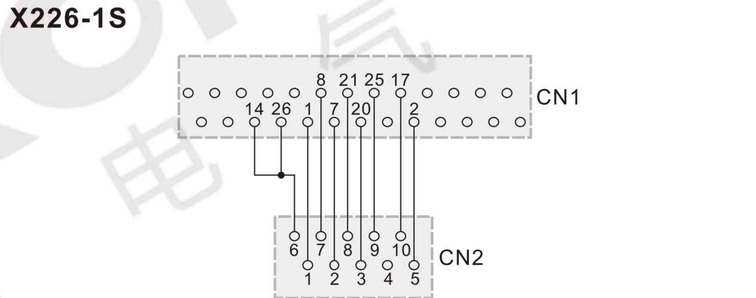


电路图 Wiring Diagram

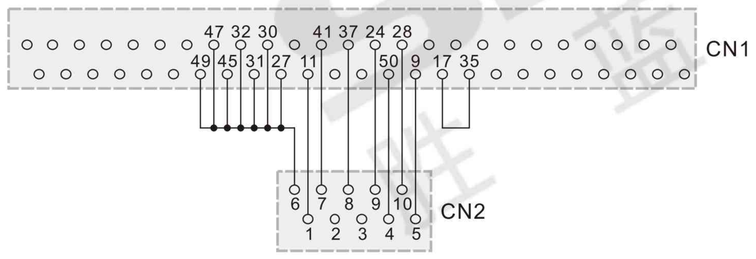
X224-1S



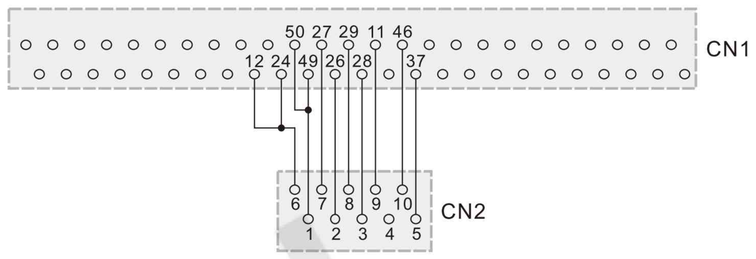
X224-2S



X224-3S



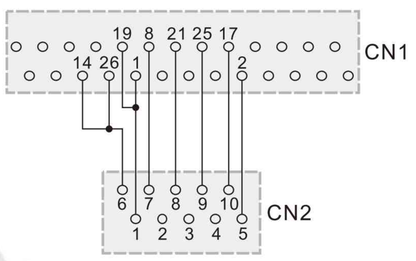
X225-1S



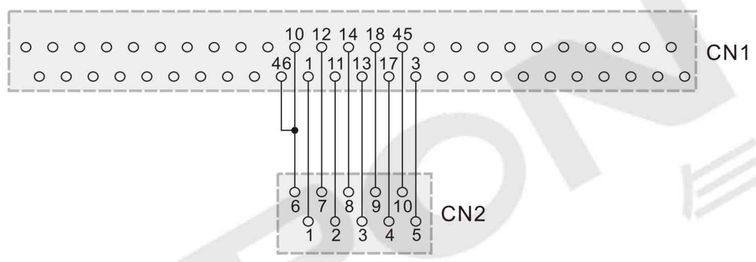
X225-2S

X226-1S

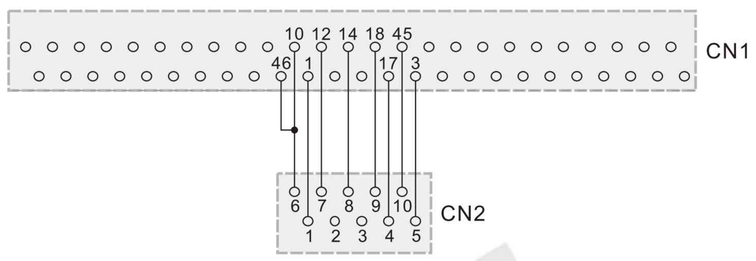
X226-2S



X227-1S



X227-2S



分类
Classification
以太网线
Ethernet cable
I/O预铸连接线
I/O cable
相机线
Camera cable
PLC对应电缆线
PLC cable
伺服对应电缆线
Servo cable
各类纯线材
Pure wire
辅助连接器
Connector

D-SUB 电缆线

X230系列

D-SUBケーブル
D-SUB Cable



X230-1



X230-2



X230-3



X230-4



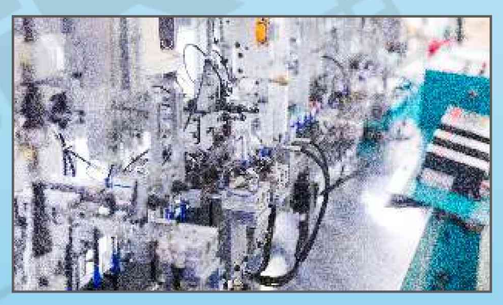
X230-5



X230-6

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 省空间 | PLC | 耐热 | 电箱配线

特点 Features

* X230-1适用于带9P插头的伺服 控制器；　* X230-2适用于带15P插头的伺服控制器；
* X230-3适用于带25P插头的伺服控制器；　* X230-4适用于带37P插头的伺服控制器；
* X230-5适用于带44P插头的伺服控制器；　* X230-6适用于带50P插头的伺服控制器；
* 节省配线时间，配合本公司端子台模块，使配线更方便、直观。

＊X230-1が9Pプラグを付きのサーボコントロール機構に適用；＊X230-2が15Pプラグを付きのサーボコントロール機構に適用；
＊X230-3が25Pプラグを付きのサーボコントロール機構に適用；＊X230-2が37Pプラグを付きのサーボコントロール機構に適用；
＊X230-3が44Pプラグを付きのサーボコントロール機構に適用；＊X230-3が50Pプラグを付きのサーボコントロール機構に適用；
＊配線時間を節約、当社の端子台モジュールと合わせて、配線が最も便利で、直観的。

* X230-1applies to 9 p plug servo controller ;　* X230-2 applies to 15 p plug servo controller ;
* X230-3 applies to 25 p plug servo controller ;　* X230-4applies to 37 p plug servo controller ;
* X230-5 applies to 44 p plug servo controller ;　* X230-6 applies to 60p plug servo controller ;
* Saving wiring time, cooperating with our company terminal modules, make the wiring more convenient and intuitive.

注意事项 note

- 请根据PLC和端子台的规格，选择合适的电缆线。
- 请不要随意变更缆线内部品。
- Please according to PLC and Terminal Block specifications,select the suitable cable.
- Please don't arbitrarily changed cable internal product.

订货范例 Order

X230 — 1 — 1000

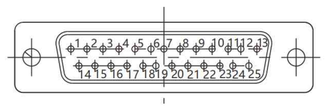
- X230：D-SUB电缆线 D-SUB Cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

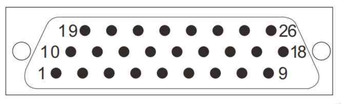
注意：以上为标准型号。如需另一侧为散线，请在型号后加“D”,下单时备注螺杆尺寸（0.65/0.45），不注明时默认为0.65,详情请咨询相关销售人员。
Notice：The above are standard models. If the other side is a loose line, please add "D" after the model, and note screw ruler when placing the orderInch (0.65/0.45), the default is 0.65 if not indicated, please consult relevant sales personnel for details.

缆线规格 Cable specification

线规 Cable specification	AWG28
导线构成 Wire constitute	7/0.127
导体及绝缘体材料 Conductors and insulators material	导体: 软铜线；绝缘体:PE
芯线捻合 Twist and polishing	填充: 棉线；包带:纸带
外表被覆 Appearance condition coating	PVC
导体阻抗及绝缘抵抗(20℃) Conductor resistance and insulation resistance	导体阻抗: 239Ω/Kn 以下绝缘抵抗: 50MΩ/Kn 以上
耐电压(空中) Voltage resistance (air)	AC500V/min

孔位排列表 Holes arrangement table





注意事项 note

- 孔位排列示意图为SiRON公司定义的排列顺序标准，不同厂家的母头侧的孔位顺序排列可能会不同，使用时请注意校对。
- Hole location arrangement plan for SiRON company define the order of the standard, different manufacturers female head side of the hole location order may be different, and when using please pay attention to check.

端口对应列表 Port corresponding list

型号 Model	CN1对应 Corresponding to CN1 品牌 Brand	CN2对应 Corresponding to CN2 端子台*1 Terminal Blocks
X230-1	不限PLC	T090 T091 T092 T093 T094 T096 T090-B* T091-B
X230-2		
X230-3		
X230-4		
X230-5		
X230-6		
X230-7		
X230-8		

型号 Model	CN1对应 Corresponding to CN1 品牌 Brand	CN2对应 Corresponding to CN2 端子台*1 Terminal Blocks
X230-9	不限PLC	T092-B T093-B T094-B T096-B T090/T090-B T091/T091-B T092/T092-B T093/T093-B T094/T094-B T096/T096-B T097
X230-10		
X230-11		
X230-12		
X230-13		
X230-14		
X230-15		
X230-16		
X230-17		
X230-18		
X230-19		
X230-34		
X230-30		

- 表中所列端子台产品为胜蓝公司产品，相关产品的详细资料请参阅本综合目录的T系列产品。
  All the products mentioned on the table are owned by Shenglan Company, and please refe to the comprehensive catalogue for the relative specifications of T series products.

* T090-B,"-B表示公头端子台。T090-B," -B stands for male terminal station.

外形图 Outline

型号 Model	CN1	外形图 Dimensions	CN2	全长 Length(mm)
X230-1	9P/D-SUB公针头	全长 Length	9P/D-SUB公针头	1000 1500
X230-7	9P/D-SUB母孔头		9P/D-SUB母孔头	
X230-13	9P/D-SUB公针头		9P/D-SUB母孔头	
X230-2	15P/D-SUB公针头	全长 Length	15P/D-SUB公针头	
X230-8	15P/D-SUB母孔头		15P/D-SUB母孔头	
X230-14	15P/D-SUB公针头		15P/D-SUB母孔头	
X230-3	25P/D-SUB公针头	全长 Length	25P/D-SUB公针头	
X230-9	25P/D-SUB母孔头		25P/D-SUB母孔头	
X230-15	25P/D-SUB公针头		25P/D-SUB母孔头	
X230-2(3)	15P/D-SUB公针头	全长 Length	15P/D-SUB公针头	
X230-8(3)	15P/D-SUB母孔头		15P/D-SUB母孔头	
X230-14(3)	15P/D-SUB公针头		15P/D-SUB母孔头	
X230-4	37P/D-SUB公针头	全长 Length	37P/D-SUB公针头	
X230-10	37P/D-SUB母孔头		37P/D-SUB母孔头	
X230-16	37P/D-SUB公针头		37P/D-SUB母孔头	
X230-5	44P/D-SUB公针头	全长 Length	44P/D-SUB公针头	
X230-11	44P/D-SUB母孔头		44P/D-SUB母孔头	
X230-17	44P/D-SUB公针头		44P/D-SUB母孔头	
X230-6	50P/D-SUB公针头	全长 Length	50P/D-SUB公针头	
X230-12	50P/D-SUB母孔头		50P/D-SUB母孔头	
X230-18	50P/D-SUB公针头		50P/D-SUB母孔头	
X230-19	26P/D-SUB公针头	全长 Length	26P/D-SUB公针头	
X230-34	26P/D-SUB母孔头		26P/D-SUB母孔头	
X230-30	26P/D-SUB公针头		26P/D-SUB母孔头	

注明:

最短线长为1000mm，如需增加以1000mm为单位递增。

Notes:
The minimum cable is 1000mm, and 1000mm for increasing if need.

电路图 Wiring Diagram

X230-1/-7/-13 全线直接

CN1 — CN2: 1—1, 2—2, 3—3, ~—~, 8—8, 9—9

孔位-导线颜色对应表

孔位	1	2	3	4	5
颜色	黑	棕	红	橙	黄
孔位	6	7	8	9	
颜色	绿	蓝	紫	灰	

X230-2/-8/-14
X230-2(3)/-8(3)/-14(3) 全线直接

CN1 — CN2: 1—1, 2—2, 3—3, ~—~, 14—14, 15—15

孔位-导线颜色对应表

孔位	1	2	3	4	5
颜色	黑	棕	红	橙	黄
孔位	6	7	8	9	10
颜色	绿	蓝	紫	灰	白
孔位	11	12	13	14	15
颜色	浅绿	浅蓝	粉红	白注黑	白注棕

X230-3/-9/-15 全线直接

CN1 — CN2: 1—1, 2—2, 3—3, ~—~, 24—24, 25—25

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7
颜色	黑	棕	红	橙	黄	绿	蓝
孔位	8	9	10	11	12	13	14
颜色	紫	灰	白	浅绿	浅蓝	粉红	白注黑
孔位	15	16	17	18	19	20	21
颜色	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝	白注紫
孔位	22	23	24	25			
颜色	白注灰	黄注黑	黄注棕	黄注红			

X230-4/-10/-16 全线直接

CN1 — CN2: 1—1, 2—2, 3—3, ~—~, 36—36, 37—37

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36	37			
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫	粉红灰			

X230-5/-11/-17 全线直接

CN1 — CN2: 1—1, 2—2, 3—3, ~—~, 43—43, 44—44

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫	粉红灰	粉红白	浅绿黑	浅绿棕
孔位	41	42	43	44						
颜色	浅绿红	浅绿橙	浅绿黄	浅绿紫						

X230-6/-12/-18 全线直接

CN1 — CN2: 1—1, 2—2, 3—3, ~—~, 49—49, 50—50

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26	27	28	29	30
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙	黄注蓝	黄注紫	黄注灰	粉红黑
孔位	31	32	33	34	35	36	37	38	39	40
颜色	粉红棕	粉红橙	粉红黄	粉红绿	粉红蓝	粉红紫	粉红灰	粉红白	浅绿黑	浅绿棕
孔位	41	42	43	44	45	46	47	48	49	50
颜色	浅绿红	浅绿橙	浅绿黄	浅绿紫	浅绿灰	浅绿白	浅蓝黑	浅蓝棕	浅蓝红	浅蓝橙

X230-19/-34/-30 全线直接

CN1 — CN2: 1—1, 2—2, 3—3, ~—~, 25—25, 26—26

孔位-导线颜色对应表

孔位	1	2	3	4	5	6	7	8	9	10
颜色	黑	棕	红	橙	黄	绿	蓝	紫	灰	白
孔位	11	12	13	14	15	16	17	18	19	20
颜色	浅绿	浅蓝	粉红	白注黑	白注棕	白注红	白注橙	白注黄	白注绿	白注蓝
孔位	21	22	23	24	25	26				
颜色	白注紫	白注灰	黄注黑	黄注棕	黄注红	黄注橙				

分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

三菱J3/ES/JE
系列伺服电缆线
X300系列

三菱J3/ES/JEシリーズ用サーボケーブル
Servo cable for Mitsubishi J3/ES/JE series



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X300-10



X300-10B

RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

* ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
* 高い曲げ強度と高柔軟性；
* 冷却剤と油に強い、耐きず;
* 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X300 — **1** — **1000**

- **X300**：三菱J3/ES/JE伺服电缆线 Servo cable for Mitsubishi J3/ES/JE
- **1**：序号 Serial number
- **1000**：长度 Length(mm)

注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。以上为标准型号。如需使用拖链线材，请在型号后加“T”，详情请咨询相关销售人员。
Notice：The shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.The above is standard cable model. If you want to use the chain wire, Please sign “T” after the model.Please contact sales for more details.

端口对应列表 Port corresponding list

型号 Model	对应功率 Corresponding power	驱动器 Drive	对应马达(W) Corresponding motor	原厂型号 Original model
X300-1 **X300-1T**	100~600W	J3 , J4 E , JE	HF-MP HG-MR HF-KP HG-KR HF-KE HG-KN HF-KN (13/23/43)	MR-PWS1CBL()-A1-L
X300-1H **X300-1HT**	750W	J3 , J4 E , JE	HF-MP HG-KE HF-KR HG-KN HF-KP HG-KR HF-MR (73)	MR-PWS1CBL()-A1-L
			HF-SE(52)	
X300-2/2T	100~750W	J3 , J4 E , JE	HF-MP HG-KN HF-KP HG-KR HF-KE HG-MR HF-KW HF-KN (13/23/43/73)	B:MR-J3ENCBL()-L
X300-2B				MR-J3ENBTACBL()-L
X300-3				S:MR-BKS1CBL()-A1-L
X300-4	600~1000W	J3 , J4 E , JE	HF-SP (51/52/81/102) HG-SR(51/52/81/102) HF-SN(52/102) HF-SE52JWI-S100 HF-SE102JWI-10	插头：MR-PWCNS4
X300-4H	2000W	J3 , J4 E , JE	HF-SP(152) HF-SN(152) HG-SR(152) HF-SE152JWI-S100	
X300-5	2000~3000W	J3 , J4 E , JE	HF-SP(121/201/202/352) HF-SN(202 302) HG-SR(121/201/202/301/352)	插头：MR-PWCNS5
X300-5H	5000W	J3 , J4	HF-SP(502) HG-SR(502)	
X300-6	600~5000W	J3 , J4 JE	HF-SP (51/52/81/102/121/152/201/202/352/502)	MR-J3ENSCBL()-L
			HG-SR(51/52/81/102/121/152/202/201/301/352)	
			HF-SN HG-KN HG-SN (52/102/152/202/302)	
X300-7	750~2000W	E	HF-SE()JWI-S100(52/102/152/202) HG-JR701M(4) HG-JR37K1M(4) HG-JR45K1M4HG JR55K1M4HG-JR601(4) HG-JR37K1(4)	/
X300-8	600~5000W	J3 , J4 E , JE	HF-SP (51/52/102/121/152/201/202/352/502)	插头：MR-BKCNS1
			HF-SN(52 102 152 202)	
			HG-SR HG-SN (51/52/81/102/121/152/201/202/301)	
X300-10 **X300-10B**	全功率	全系列	全系列	MR-J3BUS()M

外形图 Outline

型号 Model	功能 Functions	缆线规格 Cable specification	外形图 Dimensions	电路图 Wiring Diagram
X300-1 **X300-1T**	伺服动力线 Servo drive cable	AWG20	全长 Length 120mm CN1 JN4FT04SJ1-R (插头针:JN4FT-Z) CN2	X300-1/1H 1 2 3 4 CN1 E U V W CN2
X300-1H **X300-1HT**	伺服动力线 Servo drive cable	AWG18		
X300-2 **X300-2T**	伺服编码器线 Servo encoder cable	AWG24	全长 Length CN1 1674320-1 (插头针:1674335-4) CN2	X300-2 3 6 5 4 2 9 1 7 8 CN1 1 2 3 4 9 金属牌 CN2
X300-2B	绝对值编码器线 Absolute encoder cable	AWG24	全长 Length 100mm CN1 XXX-XXX-XXX 电池盒子 SM-10P CN2 1674320-1 电池盒型号：DVOP4430 电池型号：ER14505 SM-10P	X300-2B CN1 Battery 2 6 3 4 5 9 CN2 2 1 2 1 单独引出两根线，22AWG*2C 2 1 4 3 金属牌
X300-3	伺服刹车线 Servo brake cable	AWG22	全长 Length 120mm B2 B1 CN1 JN4FT02SJ1-R (插头针: JN4FT-Z) CN2	X300-3 1 2 CN1 B1 B2 CN2
X300-4	伺服动力线 Servo drive cable	AWG17	全长 Length 120mm U V W E CN1 X300-4-4H: D/MS3108B18-10S X300-5-5H: D/MS3106B22-22S CN2	X300-4/4H/5/5H A B C D CN1 U V W E CN2
X300-4H	伺服动力线 Servo drive cable	AWG13		
X300-5	伺服动力线 Servo drive cable	AWG13		
X300-5H	伺服动力线 Servo drive cable	AWG10		
X300-6	伺服编码器线 Servo encoder cable	AWG24	全长 Length CN1 X300-6: CM10-SP10S-M X300-7: D/MS3106B20-29S CN2	X300-6 8 5 1 2 4 10 CN1 1 2 3 4 9 金属牌 CN2
X300-7	伺服编码器线 Servo encoder cable	AWG24		X300-7 S R C D F N CN1 1 2 3 4 9 金属牌 CN2
X300-8	伺服刹车线 Servo brake cable	AWG17	全长 Length 120mm CN1 CM10-SP2S-S CN2	X300-8 1 2 CN1 B1 B2 CN2
X300-10 **X300-10B**	伺服光纤线 Servo fiber optic cable	2.2mm光缆	全长 Length	/

注：X300-10 不带护套；X300-10B 带护套。Note: X300-10 is not sheathed; X300-10B sheathed.

分类
Classification
以太网线
Ethernet cable
I/O预铸连接线
I/O cable
相机线
Camera cable
PLC对应电缆线
PLC cable
伺服对应电缆线
Servo cable
各类纯线材
Pure wire
辅助连接器
Connector

三菱J2系列
伺服电缆线
X301系列

三菱J2シリーズ用サーボケーブル
Servo cable for Mitsubishi J2 series



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

* ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
* 高い曲げ強度と高柔軟性；
* 冷却剤と油に強い、耐きず;
* 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X301 — **1** — **1000**

- **X301**：三菱J2伺服电缆线 Servo cable for Mitsubishi J2
- **1**：序号 Serial number
- **1000**：长度 Length(mm)

注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。以上为标准型号。如需使用拖链线材，请在型号后加“T”，详情请咨询相关销售人员。
Notice:The shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.The above is standard cable model. If you want to use the chain wire, Please sign “T” after the model.Please contact sales for more details.

端口对应列表 Port corresponding list

型号 Model	对应功率 Corresponding power	对应伺服放大器 Corresponding Servo Amplifier	对应马达 Corresponding Motor
X301-1	100W-600W	MR-J2S-10A (20A,40A,60A)	HC-KFS13(23,43) HC-MFS13(23,43) HC-UFS13(23,43) HC-SFS52(53)
X301-1H	700W	MR-J2S-70A	HC-MFS73 HC-UFS72(73)
X301-2			
X301-2H	100W-600W	MR-J2S-10A (20A,40A,60A)	HC-KFS13(23,43) HC-MFS13(23,43) HC-UFS13(23,43) HC-SFS52(53)
X301-3 **X301-3T**	100W-700W	MR-J2S-10A (20A,40A,60A,70A)	HC-KFS13(23,43) HC-MFS13(23,43,73) HC-UFS13(23,43,72,73) HC-SFS52(53)
X301-4	600W-1000W	MR-J2S-60A (-70A,-100A)	HC-SFS53 HC-SFS103 HC-UFS72 HC-SFS81 HC-SFS52 HC-SFS102
X301-4H	2000W	MR-J2S-200A	HC-SFS152 HC-SFS153 HC-RFS203 HC-UFS152
X301-5	3000W	MR-J2S-350A	HC-SFS121,201,301 HC-SFS202,352, HC-SFS203 HC-RFS353 HC-UFS202,352
X301-6	5000W	MR-J2S-500A	HC-SFS502 HC-SFS503 HC-RFS503 HC-UFS502
X301-7	600W-5000W	MR-J2S-60A (-70A,-100A,-200A,-350A,-500A)	HC-SFS81(52,102,53,103,152,153, 121,201,301,202,352,502,203,503) HC-UFS72(152,202,352,502) HC-RFS203 (353,503)
X301-8	1000W-5000W	MR-J2S-100A (-200A,-350A,-500A)	HC-SFS121,201,301 HC-SFS202,352,502,702 HC-RFS353,503 HC-UFS202,352,502

外形图 Outline

型号 Model	功能 Functions	缆线规格 Cable specification	外形图 Dimensions	电路图 Wiring Diagram
X301-1	伺服动力线 Servo drive cable	AWG20	全长 Length 120mm CN1 5559-04P-210 (插头针:5558PBT3L) CN2	X301-1/1H 1 2 3 4 CN1 U V W E CN2
X301-1H		AWG18		
X301-2	带制动伺服动力线 Drive cable with brake servo	AWG20+AWG22	全长 Length 120mm CN1 5559-06P-210 (插头针:5558PBT3L) CN2	X301-2/2H 1 2 3 4 5 6 CN1 U V W E B1 B2 CN2
X301-2H		AWG18+AWG22		
X301-3 X301-3H	伺服编码器线 Servo encoder cable	AWG24	全长 Length CN1 1-172161-9 (插头针:170359-1) CN2：20P/MDR jack	X301-3 1 2 3 4 5 6 7 8 9 7 17 9 6 16 19 20 1 11 12 金属牌
X301-4	伺服带刹车动力线 Servo with braking power cord	AWG17+AWG22	全长 Length 120mm CN1 CE05-6A22-23SD-D-BSS CN2	X301-4/4H/-5/6 A B C D E F G H CN1 U V W E B1 B2 CN2
X301-4H		AWG13+AWG17		
X301-5	伺服动力线 Servo drive cable	AWG13	全长 Length 120mm CN1 CE05-6A24-10SD-D-BSS CN2	
X301-6		AWG10		
X301-7	伺服编码器线 Servo encoder cable	AWG24	全长 Length CN1 D/MS3106A20-29S (D190) CN2：20P/MDR jack	X301-7 S R C D F G N 19 11 20 12 18 2 7 17 9 1 金属牌
X301-8	伺服刹车线 Servo brake cable	AWG17	全长 Length 120mm CN1 D/MS3106A10SL-4S (D190) CN2	X301-8 A B CN1 B1 B2 CN2

分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

安川Σ-V系列
伺服电缆线
X310系列

安川Σ-Vシリーズ用サーボケーブル
Servo cable for Yaskawa Σ-V series



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

* ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
* 高い曲げ強度と高柔軟性；
* 冷却剤と油に強い、耐きず;
* 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X310 — 1 — 1000

- X310：安川Σ-V伺服电缆线 Servo cable for Yaskawa Σ-V
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。以上为标准型号。如需使用拖链线材，请在型号后加“T”，详情请咨询相关销售人员。
Notice:The shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.The above is standard cable model. If you want to use the chain wire, Please sign “T” after the model.Please contact sales for more details.

端口对应列表 Port corresponding list

型号 Model	对应攻率 Corresponding power	驱动器 Driver	对应马达 Corresponding Motor	原厂型号 Original model
X310-1	50-100W	Σ-V/Σ-7 回转型	SGMJV-A5A SGMJV-01A SGM7J/7A-01A SGMAV-A5A SGMAV-01A SGMPS-01A SGM7J/7A-A5A	JZSP-C7M10F-*-E
X310-2	200-600W	Σ-V/Σ-7 回转型	SGMJV-02A SGMJV-04A SGM7J/7A-04A SGMAV-02A SGMAV-04A SGM7J/7A-06A SGMPS-02A SGMPS-04A SGMAV-06A SGM7J/7A-02A	JZSP-C7M20F-*-E
X310-3	750W	Σ-V/Σ-7 回转型	SGMJV-08A SGMAV-08A SGM7J/7A-08A	JZSP-C7M30F-*-E
X310-4	50-100W	Σ-V/Σ-7 回转型	SGMJV-A5A SGMJV-01A SGM7J/7A-01A SGMAV-A5A SGMAV-01A SGMPS-01A SGM7J/7A-A5A	JZSP-C7M13F-*-E
X310-5	200-600W	Σ-V/Σ-7 回转型	SGMJV-02A SGMJV-04A SGM7J/7A-04A SGMAV-02A SGMAV-04A SGM7J/7A-06A SGMPS-02A SGMPS-04A SGMAV-06A SGM7J/7A-02A	JZSP-C7M23F-*-E
X310-6	750W	Σ-V/Σ-7 回转型	SGMJV-08A SGMAV-08A SGM7J/7A-08A	JZSP-C7M33F-*-E
X310-7	50-750W	Σ-V/Σ-7 回转型	SGMJV-A5A SGMPS-08A SGMJV-01A(01A,2A,04A-08A) SGMAV-A5A SGMAV-01A(01A,2A,04A-08A) SGMPS-01A(01A,2A,04A) SGM7J	JZSP-CSP01-*-E JZSP-C7PI0D-*-E
X310-8	300-1000W	Σ-V 回转型	电压400V SGMGV-0.3/-0.5 SGMSV-10	/
X310-8H	2000-2500W	Σ-V 回转型	电压400V SGMSV-20,-25	JZSP-UVA101-*-E JZSP-UVA301-*-E JZSP-UVA501-*-E
X310-9	900-3000W	Σ-V 回转型	电压400V SGMGV-0.9，-13，-20，-30 SGMSV-30	JZSP-UVA601-*-E
X310-9H	4000-5000W	Σ-V/Σ-7 回转型	电压400V SGMGV-44 SGMSV-40,-50	JZSP-UVA701-*-E
X310-10	1000W	Σ-V/Σ-7 回转型	电压200V SGM7A-10 SGMSV-10	/
X310-10H	1500-2000W	Σ-V/Σ-7 回转型	电压200V SGM7A-15,-20,-25 SGMSV-15,-20,-25	/
X310-11	3000W	Σ-V/Σ-7 回转型	电压200V SGMSV-30 SGM7A-30	/
X310-11H	4000-5000W	Σ-V 回转型	电压200V SGMSV-40，-50	/
X310-12	5500W	Σ-V 回转型	SGMGV-55 SGM7A-40,-50	
X310-13	300-5500W	Σ-V/Σ-7 回转型	SGMGV（-0.3，-0.5,-0.9,-13,-20,-30,-44,-55） SGM7A-10(-20,-25,-30,-40,-50) SGMSV(-10,-20,-25,-30,-40,-50)	JZSP-CVP01-*-E
X310-14	850-5500W	Σ-V/Σ-7 回转型	SGMGV（200V-400V通用0.85KW-5.5KW） SGMSV(400V 1KW-5KW) SGM7A-10(-20,-25,-30,-40,-50)	JZSP-U7B23-*-E
X310-15	100-750W	/	SGMPS-08A SGMJV-01ADD-08ADD	JZSP-CMM9-*-E
X310-16	100-750W	/	SGM7J-*AFC6S 01 02 04 06 08	JZSP-UCMP00-*-E JZSP-CMP00-*-E
X310-17	100-750W	/	SGM7J-*AFC6S 01 02 04 06 08	JZSP-C7M03-*-E JZSP-C7CM03-*-E
X310-18	100-750W	/	SGM7J-*AFC6S 01 02 04 06 08	JZSP-C7M33-*-E JZSP-U7B23-*-E

注：SGM7J对应电缆线以原型号为准，X310-16/17/18是导线型。Note: The corresponding cable of SGM7J is subject to the original model, and X310-16/17/18 is the wire type.

外形图 Outline

型号 Model	功能 Functions	缆线规格 Cable specification	外形图 Dimensions	电路图 Wiring Diagram
X310-1 X310-2	伺服动力线 Servo drive cable	AWG20	全长 Length 120mm CN1 CN2 X310-1:SM-1700(JZSP-CSM9-1-E) X310-2:SM-2700(JZSP-CSM9-2-E) X310-3:SM-3700(JZSP-CSM9-3-E)	X310-1/2/3 CN1 CN2 1—E 2—W 3—V 4—U
X310-3	伺服动力线 Servo drive cable	AWG18		
X310-4 X310-5	带制动伺服动力线 Drive cable with brake servo	AWG20+AWG22	全长 Length 120mm CN1 CN2 X310-4:SM-1700(JZSP-CSM9-1-E) X310-5:SM-2700(JZSP-CSM9-2-E) X310-6:SM-3700(JZSP-CSM9-3-E)	X310-4/5/6 CN1 CN2 1—E 2—W 3—V 4—U 5—B1 6—B2
X310-6	带制动伺服动力线 Drive cable with brake servo	AWG17+AWG22		
X310-7	伺服编码器线 Servo encoder cable	AWG24	全长 Length CN1 CN2 54346-0700	X310-7 CN1 CN2 6—1 3—2 9—3 8—4 4—5 5—6 外壳—外壳
X310-8 X310-8H	伺服动力线 Servo drive cable	AWG17 AWG13	全长 Length 120mm CN1 CN2 X310-8-8H:D/MS3106B18-10S X310-9-9H:D/MS3106B22-22S	X310-8/8H CN1 CN2 A—U B—V C—W D—E
X310-9 X310-9H	伺服动力线 Servo drive cable	AWG13 AWG10		X310-9/9H CN1 CN2 A—U B—V C—W D—E
X310-10 X310-10H	伺服带刹车动力线 Servo with braking power cord	AWG17+AWG22 AWG13+AWG17	全长 Length 120mm CN1 CN2 X310-10-10H:D/MS3106B20-15S X310-11-11H:D/MS3106B24-10S	X310-10/10H CN1 CN2 A—U B—V C—W D—E E—B1 F—B2 G—
X310-11 X310-11H	伺服带刹车动力线 Servo with braking power cord	AWG13+AWG17 AWG10+AWG17		X310-11/11H CN1 CN2 A—U B—V C—W D—E E—B1 F—B2 G—
X310-12	伺服动力线 Servo drive cable	AWG10	全长 Length 120mm CN1 CN2 D/MS3106B32-17S	X310-12 CN1 CN2 A—U B—V C—W D—E
X310-13	伺服编码器线 Servo encoder cable	AWG24	全长 Length CN1 CN2 CM10-SP10S-M-D	X310-13 CN1 CN2 4—1 9—2 6—3 5—4 1—5 2—6 10—金属牌
X310-14	伺服刹车线 Servo brake cable	AWG17	全长 Length 120mm CN1 CN2 CM10-SP2S-S-D	X310-14 CN1 CN2 1—B1 2—B2
X310-15	伺服动力线 Servo drive cable	AWG16	全长 Length 30mm CN1 40mm热缩管(右同) CN2 插头:350780-1	X310-15 4 3 2 1 CN1
X310-16	伺服编码器线 Servo encoder cable	AWG28	全长 Length 100mm 15mm CN1 SM-6P CN2 SM-6E	X310-16 CN1 6 5 4 3 2 1 CN2 6 5 4 3 2 1
X310-17	伺服动力线 Servo drive cable	AWG20	全长 Length 30mm CN1 插头:43020-0400	X310-17 4 3 2 1 CN1
X310-18	动力刹车线 Power brake line	AWG20	全长 Length 30mm CN1 6芯散线	X310-18 6 绿 5 黄 4 棕 3 黑 2 橙 1 红

松下A4/A5/A6系列
伺服电缆线
X320系列

松下A4/A5/A6ｼﾘｰｽﾞ用サーボケーブル
Servo cable for Panasonic A4/A5/A6 series



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

* ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
* 高い曲げ強度と高柔軟性；
* 冷却剤と油に強い、耐きず;
* 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X320 — **1** — **1000**

- **X320**：**松下A4/A5/A6伺服电缆线** Servo cable for Panasonic A4/A5/A6
- **1**：**序号** Serial number
- **1000**：**长度** Length(mm)

注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。以上为标准型号。如需使用拖链线材，请在型号后加“T”，详情请咨询相关销售人员。
Notice:The shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.The above is standard cable model. If you want to use the chain wire, Please sign “T” after the model.Please contact sales for more details.

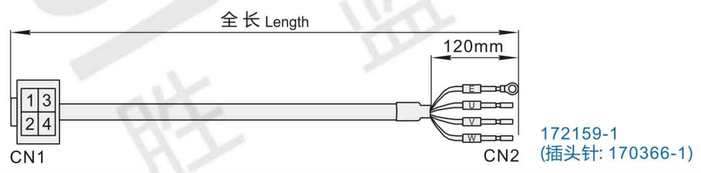
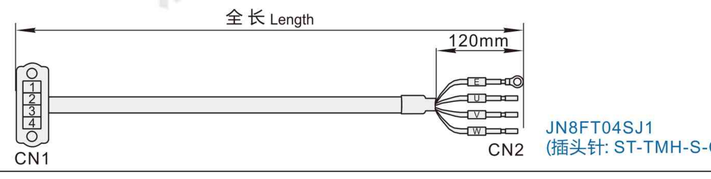
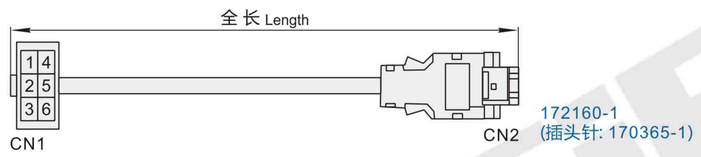
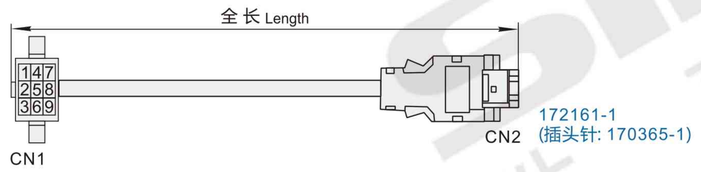
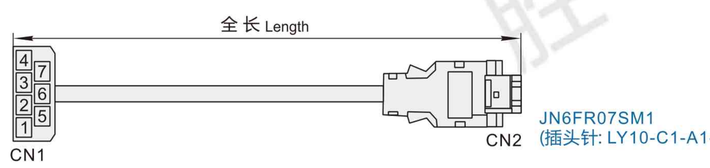
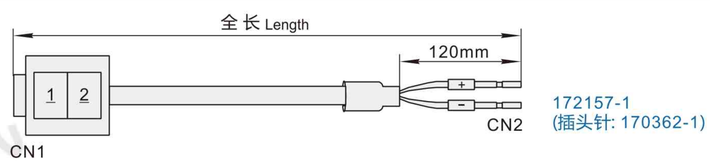
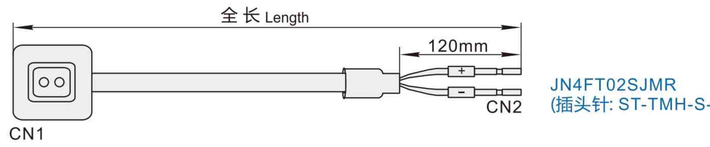
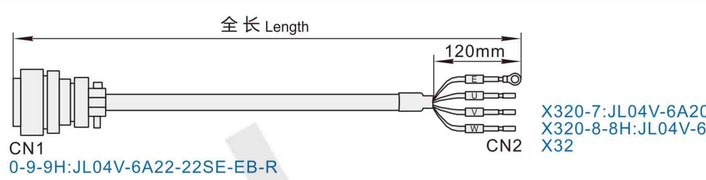
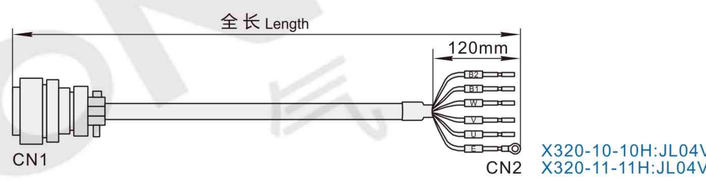
端口对应列表 Port corresponding list

型号 Model	缆线规格 Cable specification	对应攻率 Corresponding power	驱动器 Driver MIANS	对应马达 Corresponding Motor	原厂型号 Original model
X320-1	AWG20	50-400W	A4系列	MAMA01(02,03,04) MQMA01(02,04) MSMD5A(01,02,04)	MFMCA0*0EED
			A5/A6系列	MSMD5A(01,02,04) MHMD02(04) MHMF5A(01,02,04)	
X320-1H	AWG17	750W	A4系列	MAMA08 MSMD08	MFMCA0*0EED
			A5/A6系列	MHMD08 MSMD08 MHMF5A08	
X320-2	AWG20	50-400W	A4/A6系列	MSME5A(01,02,04) MSMF5A(01,02,04)	MFMCA0*0WFD
X320-2H	AWG17	750W	A5/A6系列	MSME08 MSMF5A08	MFMCA0*0WFD
X320-3/3T	AWG24	50-750W	A4系列	MAMA01(02,03,04) MQMA01(02,04) MSMD5A(01,02,04)	/
X320-3H/3HT			A5系列	MSMD5A(01,02,04) MHMD02(04) MSMF	/
			A6系列		MFECA0*0EAD
X320-4	AWG24	50-750W	A5系列	MSME5A(01,02,04,08)	MFECA0*0TJD
X320-5 X320-5T	AWG20	50-750W	A4系列	MAMA01(02,03,04,08) MQMA01(02,04) MSMD5A(01,02,04,08)	MFMCB0050GET
			A5/A6系列	MSMD5A(01,02,04,08) MHMD02(04,08) MHMF5A(01,02,04,08)	
X320-6	AWG20	50-750W	A5系列	MSME5A(01,02,04,08) MSMF5A(01,02,04,09)	MFMCB0*0SJT
X320-7	AWG17	400-1500W	A4系列	MFMA-04,-05,-08,-09,-10,-15	/
X320-8	AWG17	500-1000W	A4系列	MSMA-10 MDMA-10 MGMA-09 MHMA(-05,-08,-09,-10)	MFMCD0*2EUD
			A5/A6系列	MSME-10 MDME-10 MGME-09 MHME-10 MSMF-10 MDMF-10	
X320-8H	AWG13	1500-2000W	A4系列	MSMA-15,-20 MDMA-15,-20 MHMA-20	MFMCD0*2EUD
			A5/A6系列	MSME-15,-20 MDME-15,-20 MHME-15 MSMF-15,-20 MDMF-15,-20	
X320-9	AWG13	2000-3000W	A4系列	MSMA-30 MDMA-30 MGMA-20,-25,-30 MHMA-30 MDMF-30	MFMCE0*2EUD
			A5/A6系列	MSME-30 MDME-30 MGME-20,-30 MHME-20,-30 MSMF-30	
X320-9H	AWG10	4000-5000W	A4系列	SMA-40,-45,-50 MDMA-40,-45,-50 MGMA-40,-45 MHMA-40, −45, −50	MFMCE0*2EUD
			A5/A6系列	MSME-40,-50 MDME-40,-50 MHME-40,-50 MSMF-40,-50 MDMF-40,-50	

端口对应列表 Port corresponding list

型号 Model	缆线规格 Cable specification	对应功率 Corresponding power	驱动器 Driver MIANS	对应马达 Corresponding Motor	原厂型号 Original model
X320-10	AWG17 +AWG22	500-1000W	A4系列	电压200V MSMA-10 MDMA-10 MGME-0.9 MHMA-05,-0.8,-0.9,-10	MFMCA0*2FUD
			A5/A6系列	电压200V MSME-10 MDME-10 MGME-0.9 MHME-10 MSMF-10 MDMF-10	
X320-10H	AWG13 +AWG17	1500-2000W	A4系列	电压200V MSMA-15,-20 MDMA-15,-20 MHMA-15,-20	MFMCA0*2FUD
			A5/A6系列	电压200V MSME-15,-20 MDME-15,-20 MHME-15 MSMF-15,-20 MDMF-20	
X320-11	AWG17 +AWG22	900-1000W	A5/A6系列	电压400V MSME-10 MDME-10 MGME-0.9 MHME-10 MSMF-10 MDMF-10	MFMCE0*2FUD
X320-11H	AWG13 +AWG17	1500-3000W	A4系列	电压400v,400V通用 MSMA-30 (3.0KW) MDMA-30(3.0KW) MGMA-30 (3.0KW) MHMA-30(3.0KW) MFMA-25,-30	MFMCE0*2FUD
			A5系列	电压400V MSME-15,-20,-30(1.5KW-3KW) MDME-15,-20,-30(1.5KW-3KW) MHME-15,-20,-30(1.5KW-3KW) 电压200V MSME-30(3.0KW) MDME-30(3.0KW) MGME-20,-30(2.0KW-3KW) MHME-20,-30(2.0KW-3KW)	
X320-12	AWG10	4000-5000W	A4系列	电压200V,400V通用 MSMA-40,-50 (4.0KW-5.0KW) MDMA-40,-40 (4.0KW-5.0KW) MGMA-40,-45(4.0KW-4.5KW) MHMA-40,-50(4.0KW-5.0KW) MFMA-40,-45(4KW-4.5KW)	MFMCA0*3EUT
			A5/A6系列	电压200V,400V通用 MSME-40,-50 (4.0KW-5.0KW) MSMF-40,-50 MDME-40,-50 (4.0KW-5.0KW) MHME-40,-50 (4.0KW-5.0KW)	
X320-13	AWG24	1000-5000W	A5/A6系列	MSME/MSMF-10(-15,-20,-30,-40,-50) MGME/MSMF-0.9(-15,-20,-30,-40,-50) MHME/MSMF-10(-15,-20,-30,-40,-50) MDME/NMSMF-10(-15,-20,-30,-40,-50)	MFECA0*0ETD
X320-14	AWG24	400-5000W	A4系列	MSMA-10(-15,-20,-30,-40,-50)MDMA-10(-15,-20,-30,-40,-50) MGMA-0.9(-10,-15,-20,-30,-40,-45) MHMA-10(-15,-20,-30,-40, -50) MFMA-04(-05,-08,-09,-10,-15,-20,-25,-30,-40,-45)	MFECA0*0EPD

外形图 Outline

型号 Model	功能 Functions	外形图 Dimensions	全长 Length(mm)
X320-1 **X320-1H**	伺服动力线 Servo drive cable	 172159-1 (插头针: 170366-1)	1500 3000 5000
X320-2 **X320-2H**	伺服动力线 Servo drive cable	 JN8FT04SJ1 (插头针: ST-TMH-S-C1B-3500)	
X320-3 **X320-3T**	伺服编码器线 Servo encoder cable	 172160-1 (插头针: 170365-1)	
X320-3H **X320-3HT**	伺服编码器线 Servo encoder cable	 172161-1 (插头针: 170365-1)	
X320-4	伺服编码器线 Servo encoder cable	 JN6FR07SM1 (插头针: LY10-C1-A1-10000)	
X320-5 **X320-5T**	伺服刹车线 Servo brake cable	 172157-1 (插头针: 170362-1)	
X320-6	伺服刹车线 Servo brake cable	 JN4FT02SJMR (插头针: ST-TMH-S-C1B-3500)	
X320-7 **X320-8** **X320-8H** **X320-9** **X320-9H**	伺服动力线 Servo drive cable	 X320-7:JL04V-6A20-18SE-EB-R X320-8-8H:JL04V-6A20-4SE-EB-R X32 0-9-9H:JL04V-6A22-22SE-EB-R	
X320-10 **X320-10H** **X320-11** **X320-11H**	伺服带刹车动力线 Servo with braking power cord	 X320-10-10H:JL04V-6A20-18SE-EB-R X320-11-11H:JL04V-6A24-11SE-EB-R	

Servo motor cable
サーボモーター用ケーブルです
伺服电机电缆线

分类
Classification

以太网线
Ethernet cable

I/O预铸连接线
I/O cable

相机线
Camera cable

PLC对应电缆线
PLC cable

伺服对应电缆线
Servo cable

各类纯线材
Pure wire

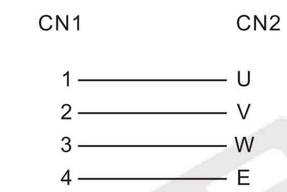
辅助连接器
Connector

外形图 Outline

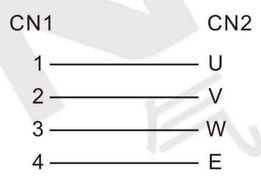
型号 Model	功能 Functions	外形图 Dimensions	全长 Length(mm)
X320-12	伺服带刹车动力线 Servo with braking power cord		**1500** **3000** **5000**
X320-13	伺服编码器线 Servo encoder cable		
X320-14	伺服编码器线 Servo encoder cable		

电路图 Wiring Diagram

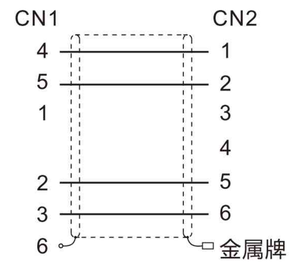
X320-1/X320-1T
X320-1H/X320-1HT



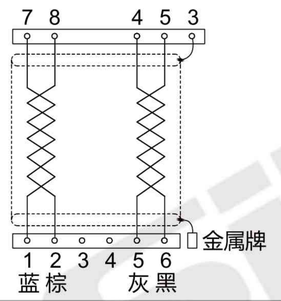
X320-2/X320-2H



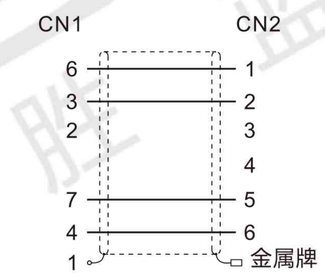
X320-3/X320-3T



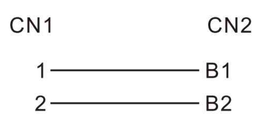
X320-3H/X320-3HT



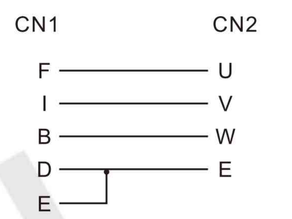
X320-4



X320-5/X320-5T
X320-6



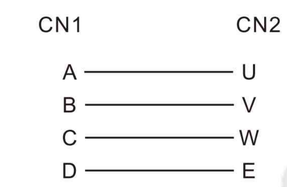
X320-7



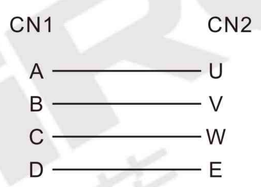
X320-8/X320-8H



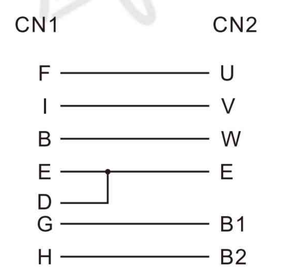
X320-9



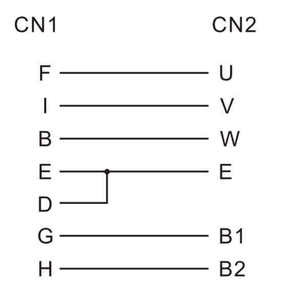
X320-9H



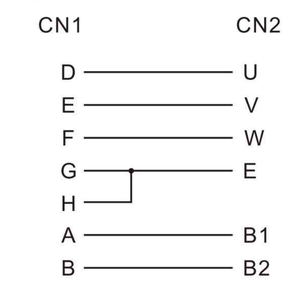
X320-10



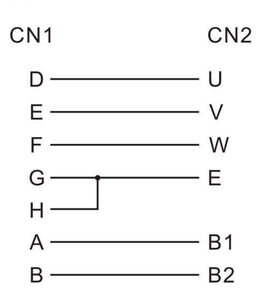
X320-10H



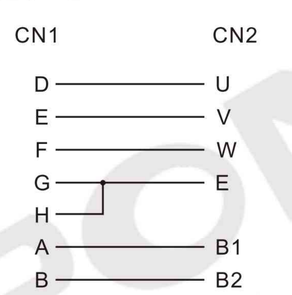
X320-11



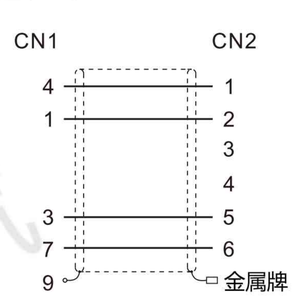
X320-11H



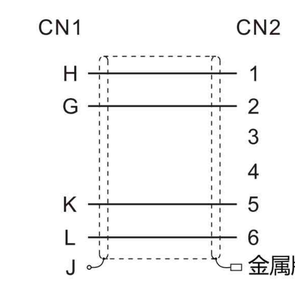
X320-12



X320-13



X320-14



台达A系列
伺服电缆线
X330系列

台达Aシリーズ用サーボケーブル
Servo Cable of Delta A Serials



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

* ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
* 高い曲げ強度と高柔軟性；
* 冷却剤と油に強い、耐きず;
* 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X330 — 1 — 1000

- X330：台达A伺服电缆线 Servo Cable of Delta A
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。
Notice:the shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.

端口对应列表 Port corresponding list

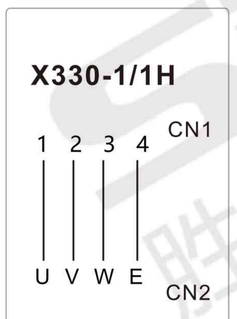
型号 Model	对应功率 Corresponding power	缆线规格 Cable specification	驱动器 Driver	对应马达 Corresponding Motor
X330-1	100-400W	AWG20	ASD-A0121LA ASD-A0221LA ASD-A0421LA	ASMT-01L250A ASMT-02L250A ASMT-04L250A
X330-1H	750W	AWG17	ASD-A0721LA	ASMT-07L250A
X330-2	100-400W	AWG20+22	ASD-A0121LA ASD-A0221LA ASD-A0421LA	ASMT-01L250B ASMT-02L250B ASMT-04L250B
X330-2H	750W	AWG17+22	ASD-A0721LA	ASMT-07L250B
X330-3	50-750W	AWG24	ASD-A0121LA ASD-A0221LA ASD-A0421LA ASD-A0721LA	ASMT-01L250A ASMT-01L250B ASMT-02L250A ASMT-02L250B ASMT-04L250A ASMT-04L250B ASMT-07L250A ASMT-07L250B

外形图 Outline

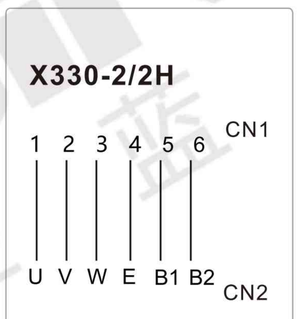
型号 Model	功能 Functions	外形图 Dimensions	全长 Length (mm)
X330-1	伺服动力线 Servo drive cable	全长 Length, 120mm, CN1 (1 2 3 4), CN2 (W V U E) CN1 350780-1(插头针:350281-1)	1500 3000 5000
X330-1H	伺服动力线 Servo drive cable		
X330-2	带制动伺服动力线 Drive cable with brake servo	全长 Length, 120mm, CN1 (3 6 / 2 5 / 1 4), CN2 (B2 B1 W V U E) CN1 350781-1(插头针:350281-1)	
X330-2H	带制动伺服动力线 Drive cable with brake servo		
X330-3	伺服编码器线 Servo encoder cable	全长 Length CN1 1-172211-0(插头针:170377-1)	

电路图 Wiring Diagram

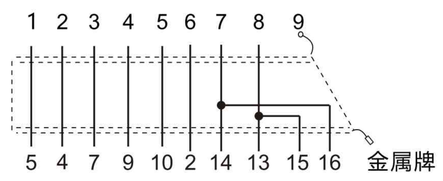
X330-1/1H



X330-2/2H



X330-3



台达B/AB系列
伺服电缆线
X331系列

台达B/ABシリーズサーボケーブル
Servo Cable of Delta B/AB Serials



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

* ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
* 高い曲げ強度と高柔軟性；
* 冷却剤と油に強い、耐きず;
* 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X331 — 1 — 1000

- X331：台达B/AB伺服电缆线 Servo Cable of Delta B/AB
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。
Notice:the shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.

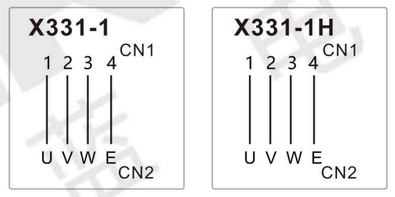
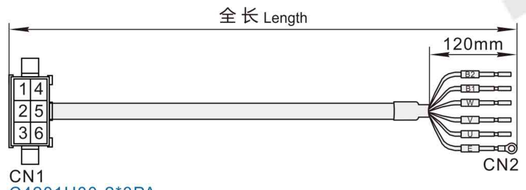
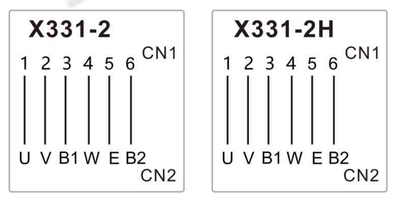
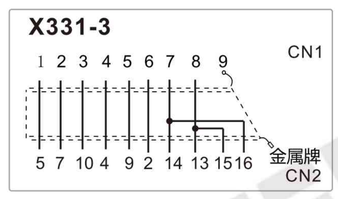
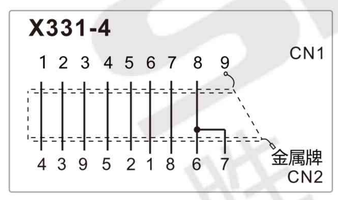
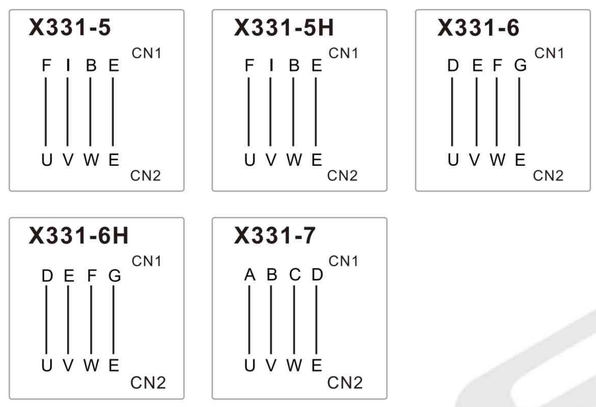
端口对应列表 Port corresponding list

型号 Model	缆线规格 Cable specification	对应功率 Corresponding power	驱动器 Driver	对应马达 Corresponding Motor	原厂型号 Original model
X331-1	AWG20	50-400W	ASD-B0121-A ASD-B0221-A ASD-B0421-A ASD-A0121-AB ASD-A0221-AB ASD-A0421-AB	ECMA-C30401*S ECMA-C30602*S ECMA-C30604*S	ACS3-CAPW31* ASDBCAPW02*
X331-1H	AWG17	750W	ASD-B0721-A ASD-A0721-AB	ECMA-C30807*S	ACS3-CAPW31* ASDBCAPW02*
X331-2	AWG20	50-400W	ASD-B0121-A ASD-B0221-A ASD-B0421-A ASD-A0121-AB ASD-A0221-AB ASD-A0421-AB	ECMA-C30602*S ECMA-C30604*S ECMA-C30401*S	ACS3-CAPW41* ASDBCAPW03*
X331-2H	AWG17 +AWG22	750W	ASD-B0721-A ASD-A0721-AB	ECMA-C30804*7	ACS3-CAPW41* ASDBCAPW03*
X331-3	AWG24	50-750W	ASD-A0121-AB ASD-A0221-AB ASD-A0421-AB ASD-A0721-AB	ECMA-C30401*S ECMA-C30602*S ECMA-C30604*S ECMA-C30804*7	ASDBCAEN0000
X331-4	AWG20	50-750W	ASD-B0121-A ASD-B0221-A ASD-B0421-A ASD-B0721-A	ECMA-C30401*S ECMA-C30602*S ECMA-C30604*S ECMA-C30804*7	SADBCAEN00*
X331-5	AWG17	300-1000W	SD-A 1021 ASD-B 03(05,06,09,10)21 ASD-AB 03(05,06,09,10)21 ASD-A2 03(05,06,09,10)21	ASMT-10L250 ASMT-10M250 ECMA-G31303 ECMA-E31305 ECMA-G31306 ECMA-G31309 ECMA-C31010 ECMA-G11303 ECMA-E11305 ECMA-G11306 ECMA-G11309 ECMA-C11010	ASDBCAPW12*
X331-5H	AWG13	2000-3000W	SD-A 20(30)21 ASD-B 2021 ASD-AB20(30)21 ASD-A2 20(30)21	ASMT-15M250 ASMT-20L250 ASMT-30L250 ECMA-E31315 ECMA-C31020 ECMA-E31320 ECMA-E11310 ECMA-E11315 ECMA-C11020 ECMA-E11320	ASDBCAPW12*
X331-6	AWG13	50-750W	ASD-B0121-A ASD-B0221-A ASD-B0421-A ASD-B0721-A	ASMT-20M250 ASMT-30M250 ECMA-E31820 ECMA-E31830 ECMA-E11820 ECMA-E11830 ECMA-F11830	ASD-CAPW22*
X331-6H	AWG10	450W	ASD-A 4523 ASD-A2 4521	ECMA-F21830 ECMA-F21835 ECMA-F21845 ECMA-F11845	ASD-CAPW22*
X331-7	AWG10	5500W	ASD-A 5523	ECMA-F21855	/

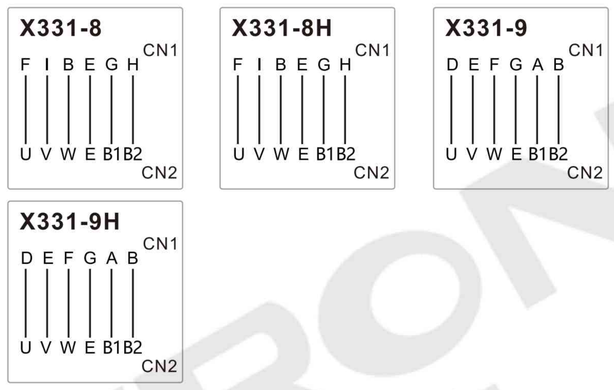
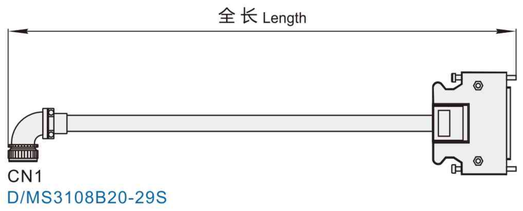
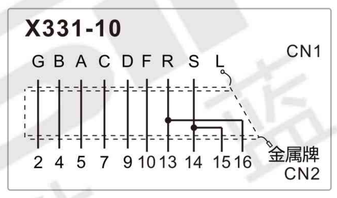
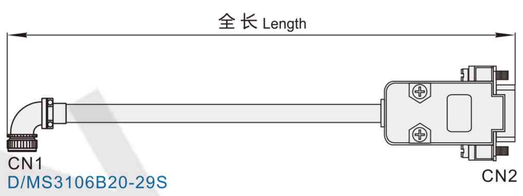
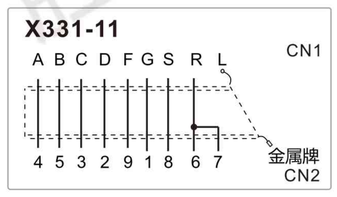
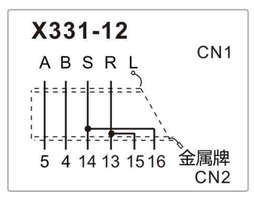
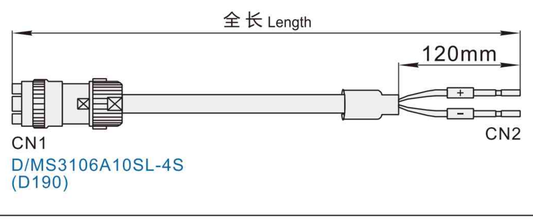
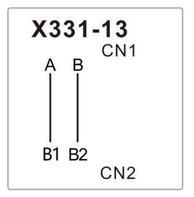
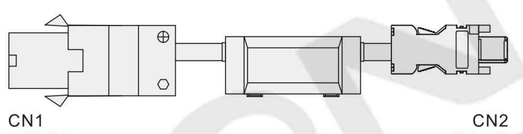
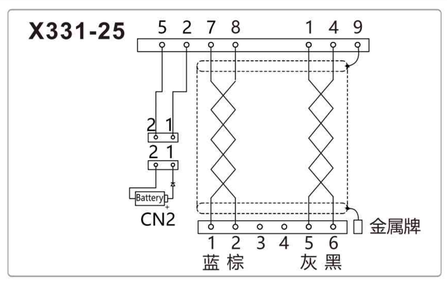
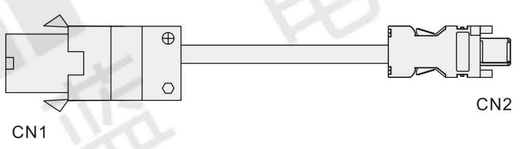
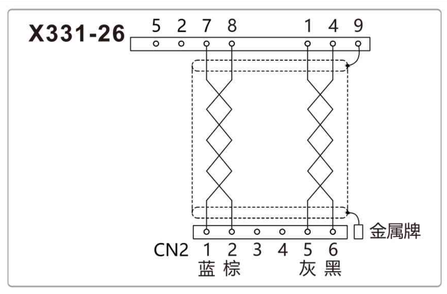
端口对应列表 Port corresponding list

型号 Model	缆线规格 Cable specification	对应功率 Corresponding power	驱动器 Driver	对应马达 Corresponding Motor	原厂型号 Original model
X331-8	AWG17 +AWG22	300-1000W	SD-A 1021 ASD-B 03(05,06,09,10)21 ASD-AB 03(05,06,09,10)21 ASD-A2 03(05,06,09,10)21	ASMT-10L250 ASMT-10M250 ECMA-G31303 ECMA-E31305 ECMA-G31306 ECMA-G31309 ECMA-C31010 ECMA-G11303 ECMA-E11305 ECMA-G11306 ECMA-G11309 ECMA-C11010	ASDBCAPW13*
X331-8H	AWG13 +AWG17	1500-3000W	ASD-A 15(20,30)21 ASD-B 03(05,06,09,10)21 ASD-AB 03(05,06,09,10)21 ASD-A2 03(05,06,09,10)21	ASMT-15M250 ASMT-20L250 ASMT-30L250 ECMA-E31315 ECMA-C31020 ECMA-E31320 ECMA-E11310 ECMA-E11315 ECMA-C11020 ECMA-E11320	ASDBCAPW13*
X331-9	AWG13 +AWG17	2000-3000W	ASD-A 20(30)21 ASD-B 2021 ASD-AB20(30)21 ASD-A2 20(30)21	ASMT-20M250 ASMT-30M250 ECMA-E31820 ECMA-E31830 ECMA-E11820 ECMA-E11830 ECMA-F11830	ASD-CAPW23*
X331-9H	AWG10 +AWG17	4500W	ASD-A 4523 ASD-A2 4521	ECMA-F21830 ECMA-F21835 ECMA-F21845 ECMA-F11845	ASD-CAPW23*
X331-10	AWG24	300-5500W	ASD-A 10(15,20,30,45,55)21 ASD-AB 03(05,06,09,10,20,30)21	SMT-10(20,30)L250 ASMT-10(15,20,30)M250 ECMA-F21830(35,45,55) ECMA-E31820(30) ECMA-G31303(05,06,09) ECMA-C31010 ECMA-E31315 ECMA-C31020 ECMA-E31320	/
X331-11	AWG24	300-2000W	ASD-A2 03 (05,06,09,10,15,20,30,45)21	ECMA-G31303 ECMA-E31305 ECMA-G31306 ECMA-G31309 ECMA-C31010 ECMA-E31315 ECMA-C31020 ECMA-E31320 ECMA-E31820	/
X331-12	AWG24	300-4500W	ASD-A2 03 (05,06,09,10,15,20,30,45)21	ECMA-G11303 ECMA-E11305 ECMA-G11306 ECMA-G11309 ECMA-C11010 ECMA-E11310 ECMA-E11315 ECMA-C11020 ECMA-E11320 ECMA-E11820 ECMA-E11830 ECMA-F11830 ECMA-F11845	/
X331-13	AWG17	5500W	ASD-A 5523	ECMA-F21855	/
X331-25	AWG24	750W及以下	ASD-B3	ECM-B3M	/
X331-26	AWG24	750W及以下	ASD-B3	ECM-B3M	/

外形图 Outline

型号 Model	功能 Functions	外形图 Dimensions	电路图 Wiring Diagram
X331-1 **X331-1H**	伺服动力线 Servo drive cable	 CN1 C4201H00-2*2PA	
X331-2 **X331-2H**	带制动伺服动力线 Drive cable with brake servo	 CN1 C4201H00-2*3PA	
X331-3	伺服编码器线AB系列 Servo encoder AB cable	 CN1 1-172161-9 (插头针:170359-1)	
X331-4	伺服编码器线AB系列 Servo encoder AB cable	 CN1 1-172161-9 (插头针: 170359-1)	
X331-5 **X331-5H** **X331-6** **X331-6H** **X331-7**	伺服动力线 Servo drive cable	 CN1 X331-5-5H: D/MS3108B20-18S X331-6-6H: D/MS3108B24-11S X331-7: D/MS3108B32-17S	

外形图 Outline

型号 Model	功能 Functions	外形图 Dimensions	电路图 Wiring Diagram
X331-8 X331-8H X331-9 X331-9H	伺服带刹车动力线 Servo with braking power cord	 X331-8-8H: D/MS3108B20-18S X331-9-9H: D/MS3108B24-11S	
X331-10	伺服编码器线 Servo encoder	 D/MS3108B20-29S	
X331-11	伺服编码器线 Servo encoder	 D/MS3106B20-29S	
X331-12	伺服编码器线 Servo encoder	 D/MS3106B20-29S	
X331-13	伺服刹车线 Servo brake cable	 D/MS3106A10SL-4S (D190)	
X331-25	带电池编码器线 Encoder cable with battery	 172161 SM-6P	
X331-26	编码器线 Encoder line		

分类
Classification
以太网线
Ethernet cable
I/O预铸连接线
I/O cable
相机线
Camera cable
PLC对应电缆线
PLC cable
伺服对应电缆线
Servo cable
各类纯线材
Pure wire
辅助连接器
Connector

伺服电机电缆线
Servo motor cable

工业级·电缆线
Industrial-grade cables

抗氧化耐磨损·稳定输出更省心
Resistant to oxidation and wear
Stable output is more worry-free



产品特点 Features

•耐油耐热，提高工作效率
Oil and heat resistant, improve work efficiency



•高柔耐折，性能优越稳定
High flexibility and folding resistance, superior and stable performance



•优质材料，保障用线安全
High-quality materials to ensure the safety of the cables



•护套厚薄均匀、质量上佳，有效保护线芯
The sheath is uniform and of good quality, effectively protecting the core of the cable



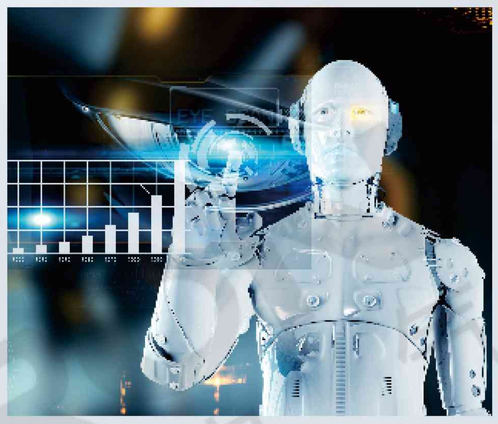
•耐腐蚀，耐刻痕，适用于标准化布线系统
Corrosion-resistant, nick-resistant, suitable for standardized wiring systems



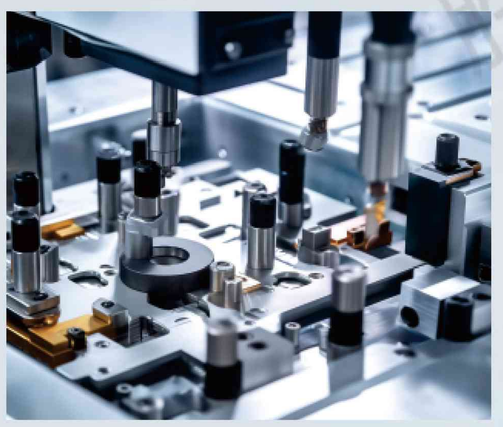
应用行业 Application industry



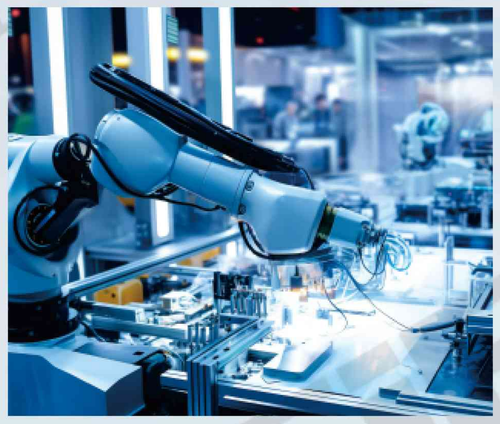
汽车制造
Automobile manufacturing



人工智能
Artificial intelligence



机床制造
Machine tool manufacturing



工业自动化
Industrial automation

欧姆龙伺服电缆线
X340系列

オムロン用サーボケーブル
Omron servo cable



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

* ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
* 高い曲げ強度と高柔軟性；
* 冷却剤と油に強い、耐きず;
* 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X340 — 1 — 1000

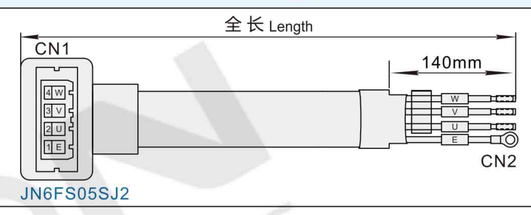
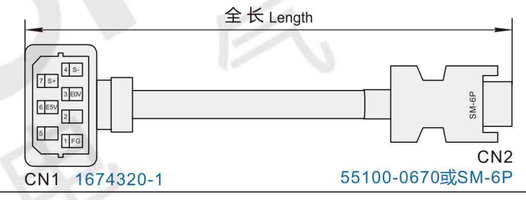
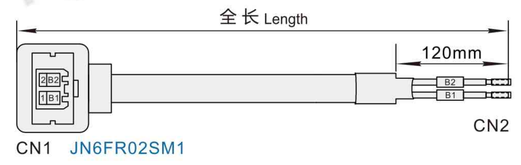
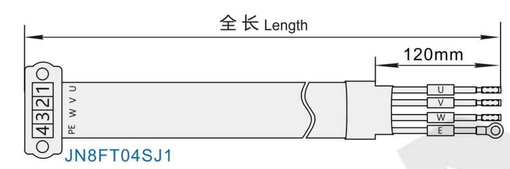
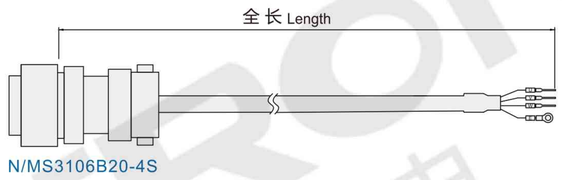
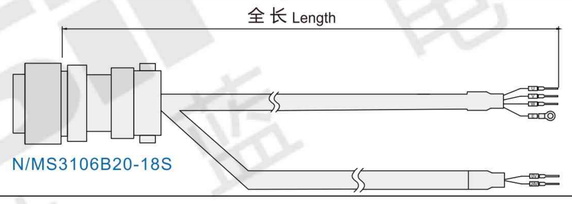
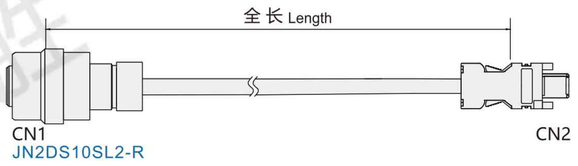
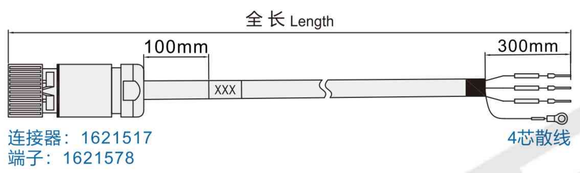
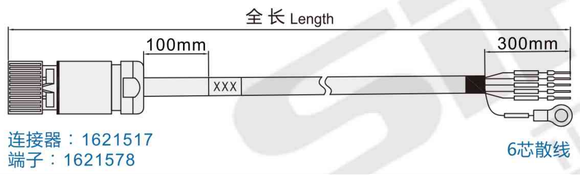
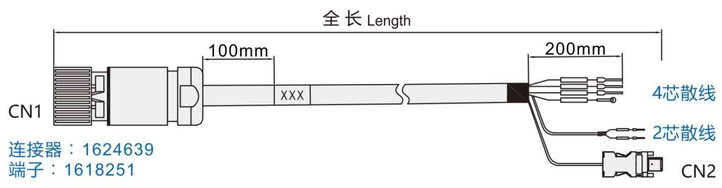
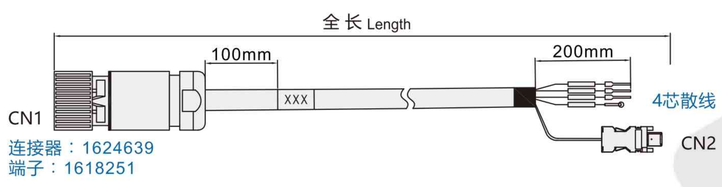
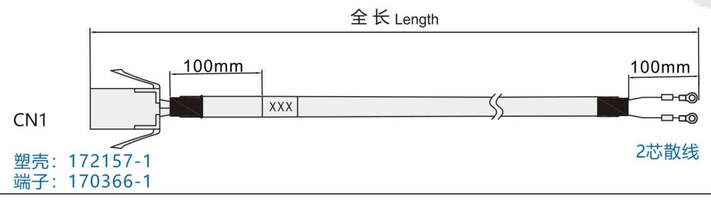
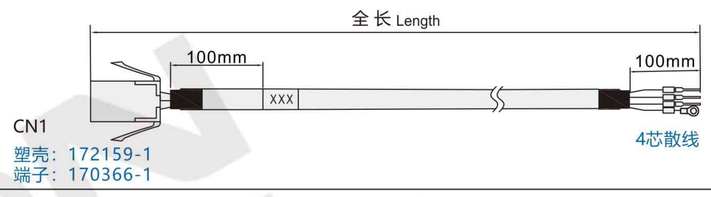
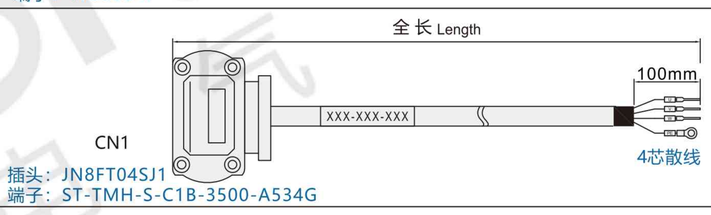
- X340：欧姆龙伺服电缆线 Omron servo cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。
Notice:the shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.

端口对应列表 Port corresponding list

型号 Model	对应功率 Corresponding power	缆线规格 Cable specification	原厂型号 Original model	对应伺服放大器 Corresponding Servo Amplifier	对应马达 Corresponding Motor
X340-1	50~750W	AWG17	R88A-CAIA□S	R88D-K系列	R88M-K系列
X340-2	50~750W	AWG24	R88A-CRIA□C		
X340-3	50~750W	AWG22	R88A-CAIA□B		
X340-4	50~750W	AWG20	R88A-CAKA□S		
X340-5	1000-2000W	AWG16	R88A-CAGB□S	G5 R88D-KT系列	
X340-5H	3-5KW	AWG14	R88A-CAGD□S		
X340-6	1000-2000W	AWG20+AWG16	R88A-CAGB□B		
X340-6H	3-5KW	AWG10+AWG20	R88A-CAGD□B		
X340-7	400-3000W	AWG24	R88A-CRKC□NR		
X340-8	400-7500W	AWG12	R88A-CA1H□S	/	R88M-1L系列
X340-9	400-7500W	AWG12+AWG22	R88A-CA1H□B		
X340-11	3-5KW	AWG10+AWG20	R88A-CA1E□B		
X340-12	1000W	AWG22	R88A-CX1A□BF		/
X340-13	1000W	AWG22	R88A-CX1A□SF		
X340-14	50-750W	AWG20	R88A-CAGA□B		R88M系列
X340-15	50-750W	AWG20	R88A-CAGA□S		
X340-17	1000W	AWG20	R88A-CAKA□S		/

外形图 Outline

型号 Model	功能 Functions	外形图 Dimensions	全长 Length (mm)
X340-1	伺服动力线 Servo drive cable		
X340-2	伺服编码器线 Servo encoder line		
X340-3	伺服刹车线 Servo brake cable		
X340-4	伺服动力线 Servo drive cable		
X340-5/5H	伺服动力线 Servo drive cable		
X340-6/6H	伺服动力线 Servo drive cable		
X340-7	伺服编码器线 Servo encoder line		
X340-8	伺服动力线 Servo drive cable		1500 3000 5000
X340-9	伺服动力线+刹车线 Servo drive cable+brake line		
X340-11	伺服动力线+刹车线 Servo drive cable+brake line		
X340-12	动力、刹车、编码器一体线 Drive 、brake、encoder integrated line		
X340-13	动力、编码器一体线 drive and encoder integrated line		
X340-14	伺服刹车线 Servo brake cable		
X340-15	伺服动力线 Servo drive cable		
X340-17	伺服动力线 Servo drive cable		

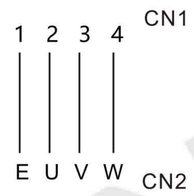
Servo motor cable
サーボモーター用ケーブルです
伺服电机电缆线

分类 Classification

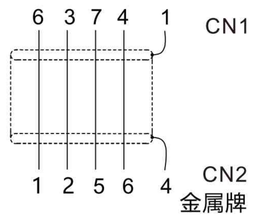
- 以太网线 Ethernet cable
- I/O预铸连接线 I/O cable
- 相机线 Camera cable
- PLC对应电缆线 PLC cable
- **伺服对应电缆线 Servo cable**
- 各类纯线材 Pure wire
- 辅助连接器 Connector

电路图 Wiring Diagram

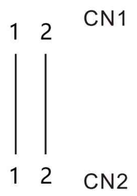
X340-1



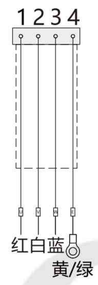
X340-2



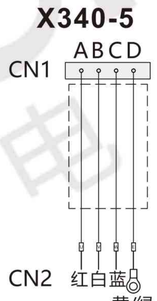
X340-3



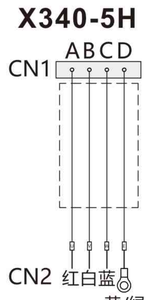
X340-4



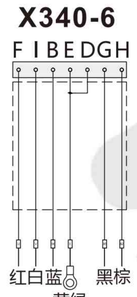
X340-5



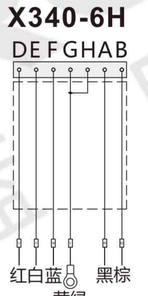
X340-5H



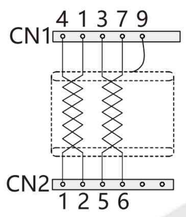
X340-6



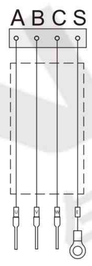
X340-6H



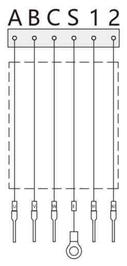
X340-7



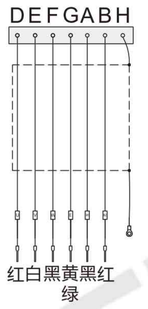
X340-8



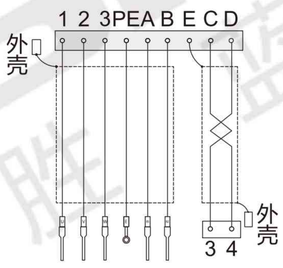
X340-9



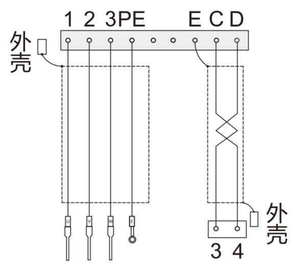
X340-11



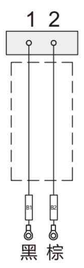
X340-12



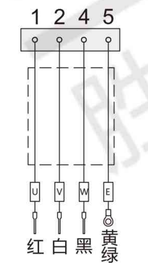
X340-13



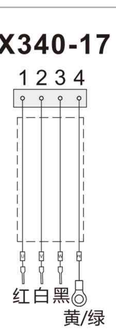
X340-14

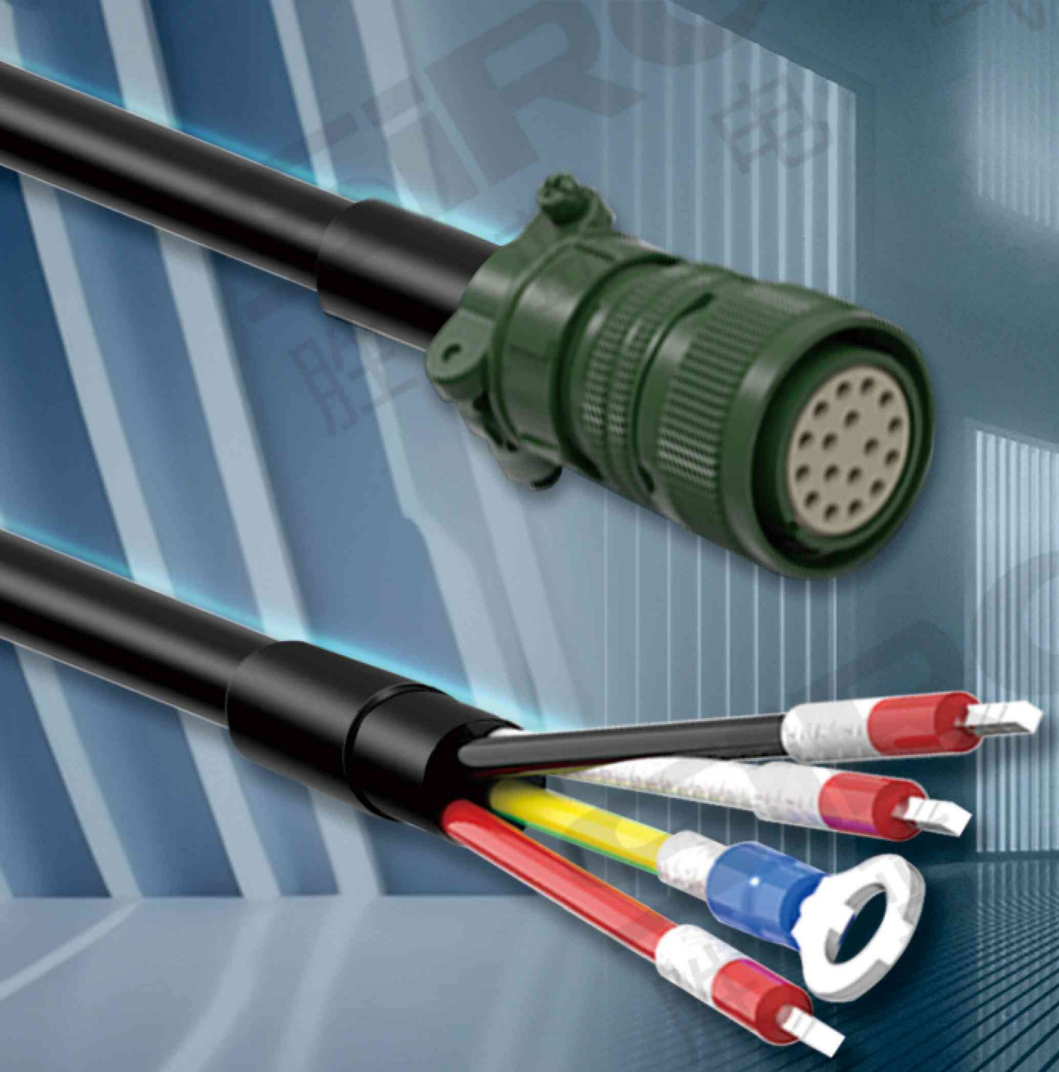


X340-15



X340-17





伺服电机电缆线
Servo motor cable

柔韧更耐用·告别反复换线
Flexible and more durable, say goodbye to repeated wire changes

工业级电缆线 多道工序检测 层层技术把关
Industrial-grade cables, multi-process testing, layer by layer technical checks

动力线
Power cable

伺服动力线是连接伺服驱动与伺服电机，起到通电、控制作用。是传输电能的线路，作用是完成电能的运输。

The servo power cable is to connect the servo drive and the servo motor, which plays the role of energizing and controlling. It is a cable that transmits electric energy, and its role is to complete the transportation of electric energy.

编码器线
Encoder cable

伺服编码器线也是伺服驱动与伺服电机的连接线，主要是传输信号，让机器运行稳定。

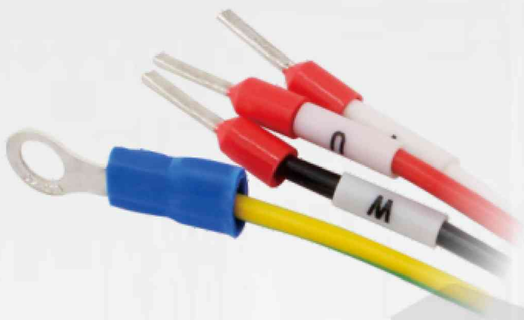
The servo coding cable is also the connection cable between the servo drive and the servo motor, which is mainly to transmit signals and make the machine run stably.

刹车线
Brake cable

伺服电机刹车线的作用是在电机停止运转时，确保电机的位置不会发生移动，保证系统的精准性和稳定性。

The function of the servo motor brake cable is to ensure that the position of the motor will not move when the motor stops running, so as to ensure the accuracy and stability of the system.

●抗干扰
Anti-interference



插头不易脱落，抗干扰能力强，信号传输更稳定

The plug is not easy to fall off, and the anti-interference ability is strong.The signal transmission is more stable.

●耐油污
Resistant to oil stains



线缆耐油污，不易打滑，提高工作效率

The cable is oil-resistant and not easy to slip,boost productivity

●耐弯折
Resistant to bending



柔韧线套，耐弯折，抗磨损，经久耐用

Flexible wire sleeve, bending resistance, wear resistance,durable

线身柔软
The cable body is soft

安全稳定
Safe and stable

环保材质
Eco-friendly materials

真材实料
The real thing

生产场所正规企业 安全更有保障
Formal enterprises at the production site，Safety is more secure

汇川伺服电缆线
X350系列

彙川サーボケーブルです
Inovance servo cable



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

* ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
* 高い曲げ強度と高柔軟性；
* 冷却剤と油に強い、耐きず;
* 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X350 — 1 — 1000

- X350：汇川伺服电缆线 Inovance servo cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意： 全长最短长度为1000mm，如需增加长度则以1000mm长度递增。以上为标准型号。如需屏蔽线材,请在型号后加“S”，如需使用拖链线材，请在型号后加“T”,详情请咨询销售人员。

Notice：the shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.The above is the standard model. If you need to shield the cable, please add "S" after the model number, if you need to use the drag chain cable, please add "T" after the model number, please consult the sales staff for details.

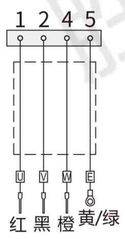
端口对应列表 Port corresponding list

型号 Model	线径 Wire diameter	电机功率(P) Motor power (P)	电机/驱动型号 Motor/drive model	原厂型号(前7位) Original factory models (top 7)	类型 type
X350-1	AWG20	P≤400W	MS1H1 MS1H4 ISMH1 ISMH4 ISM系列1KW的 电机不选这6个线	S6-L-M100-长度 S6-L-M000-长度 S6-L-M00-长度	导线型 (Z-S)
X350-1H	AWG17	400W＜P≤1000W			
X350-2	AWG20	P≤400W		S6-L-B100-长度 S6-L-B000-长度 S6-L-B00-长度	
X350-2H	AWG17	400W＜P≤1000W			
X350-2T	AWG20X4C AWG22X2C				
X350-3	AWG24	P≤1000W	IS620,IS810	S6-L-P00-长度 S6-L-P010-长度	
	AWG24	P≤750W	IS600P		
X350-6	AWG24	P≤1000W	MS1H1,MS1H4	S6-L-P110-长度	
X350-14	AWG24	P≤1000W	SV660 SV630 SV820N	S6-L-P120-长度	
X350-14T	AWG24				
X350-7	AWG24	P≤1000W	Sv660 SV630 SV820N	S6-L-P124-长度	端子型 (Z)
X350-8	AWG20	P≤1000W	MS1H1 MS1H4	S6-L-B107-长度	
X350-9	AWG20	P≤1000W		S6-L-M107-长度	
X350-10	AWG24	P≤1000W	IS620 IS810	S6-L-P024-长度	
X350-11	AWG24	P≤1000W	MS1H1,MS1H4	S6-L-P014-长度 S6-L-P015-长度	
X350-12	AWG24	P≤1000W	MS1H1,MS1H4	S6-L-P114-长度	
X350-15	AWG24	1000W＜P≤2900W	MS1H2,MS1H3	S6-L-P111-长度	航插型
X350-16/16T	AWG24	1000W＜P≤2900W	MS1H2,MS1H3	S6-L-P121-长度	
X350-17	AWG24	P≤2900W	MS1H3	S6-L-P011-长度	
X350-18	AWG24	P≤2900W	MS1H3	S6-L-P021-长度	
X350-19/19T	AWG15	1800W≤P≤3000W	MS1H2,MS1H3	S6-L-M111-长度	
X350-20	AWG13	P≤2900W	MS1H2,MS1H3	S6-L-M112-长度 S6-L-M012-长度	
X350-20H	AWG11	P≥4400W	MS1H3	S6-L-M022-长度	
X350-21	AWG16x4C AWG20x2C	1800W≤P≤3000W	MS1H2,MS1H3	S6-L-B111-长度	
X350-22H	AWG11x4C AWG20x2C	P≥4400W	MS1H3	S6-L-B022-长度	

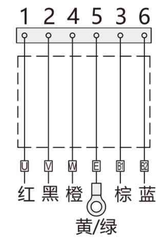
注：X350-2/8带刹车，电机型号的倒数第2位是2/4；X350-1/9不带刹车，电机型号的倒数第2位是0/1。Note: X350-2/8 with brake, the second to last of the motor model is 2/4;X350-1/9 without brake, the second to last of the motor model is 0/1.

电路图 Wiring Diagram

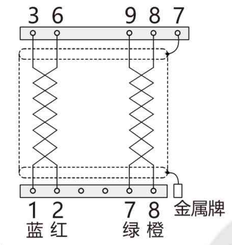
X350-1/1H



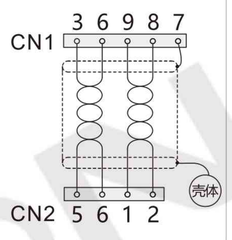
X350-2/2H/2T



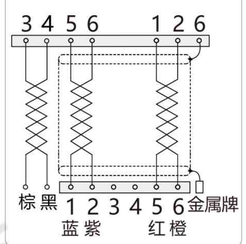
X350-3



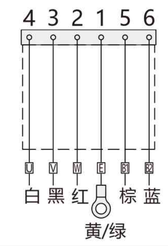
X350-6



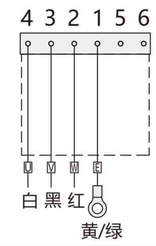
X350-7/7H



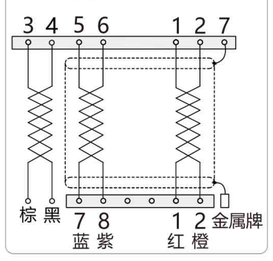
X350-8



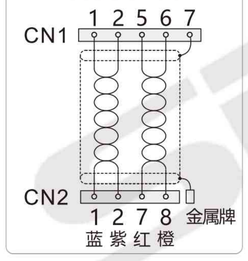
X350-9



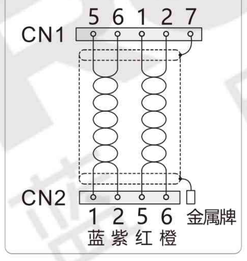
X350-10/10H



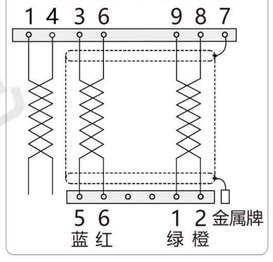
X350-11



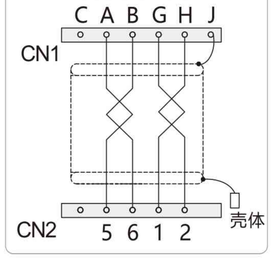
X350-12



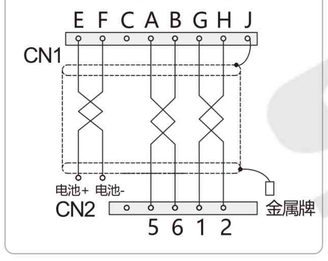
X350-14/14T



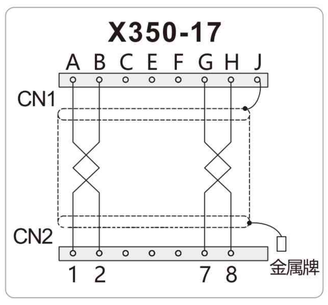
X350-15



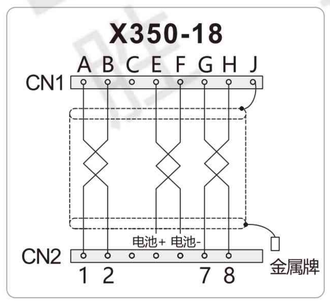
X350-16/16T



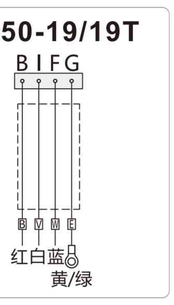
X350-17



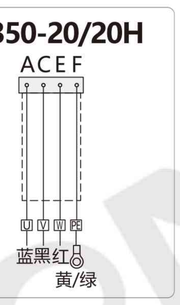
X350-18



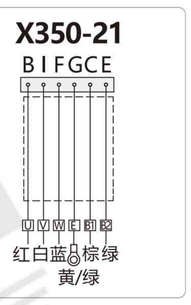
X350-19/19T



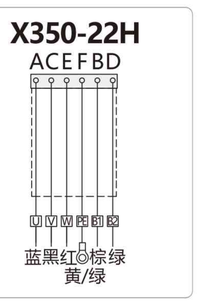
X350-20/20H



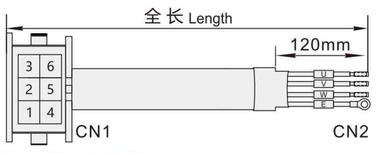
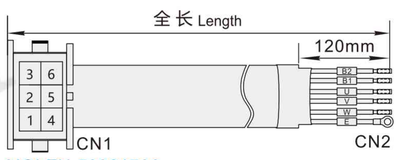
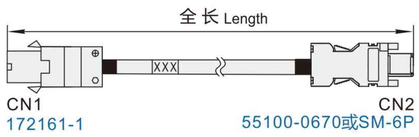
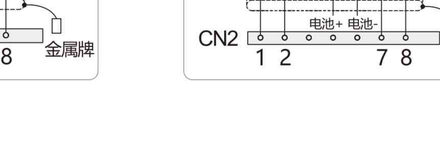
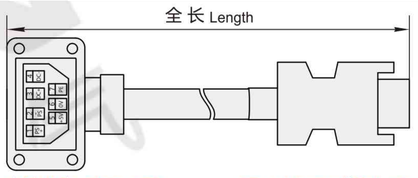
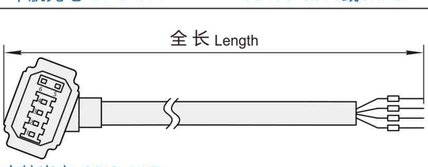
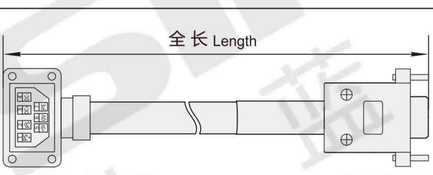
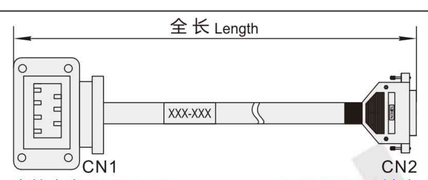
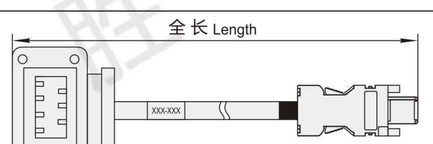
X350-21



X350-22H



外形图 Outline

型号 Model	外形图 Dimensions	功能 Functions	型号 Model	外形图 Dimensions	功能 Functions	全长 Length (mm)
X350-1 **X350-1H**	 MOLEX-50361736	伺服动力线 Servo drive cable	**X350-2** **X350-2H** **X350-2T**	 MOLEX-50361736	伺服带刹车动力线 Servo with braking power cord	
X350-3	 172161-1 D-SUB 9P公头	伺服编码器线 Servo encoder line	**X350-6**	 172161-1 55100-0670或SM-6P	伺服编码器线 Servo encoder line	
X350-7	中航光电-SDC-07T 55100-0670或SM-6P	伺服编码器线 Servo encoder line	**X350-8**	 中航光电-SDC-06T	伺服带刹车动力线 Servo with braking power cord	
X350-9	 中航光电-SDC-06T	伺服动力线 Servo drive cable	**X350-10**	 中航光电-SDC-07T DB 9P公头	伺服编码器线 Servo encoder line	
X350-11	 中航光电-SDC-07T D-SUB 9P公针头	伺服编码器线 Servo encoder line	**X350-12**	 中航光电-SDC-07T SM-6	伺服编码器线 Servo encoder line	
X350-14 **X350-14T**	 172161-1 SM-6P	伺服编码器线 Servo encoder line	**X350-15**	 MIL-DTL-5015系列 军规航插 3108E20-29S 55100-0670或SM-6P	伺服编码器线 Servo encoder line	
X350-16 **X350-16T**	 MIL-DTL-5015系列 军规航插 3108E20-29S 55100-0670或SM-6P	伺服编码器线 Servo encoder line	**X350-17**	 MIL-DTL-5015系列 军规航插 3108E20-29S D-SUB 9P公针头	伺服编码器线 Servo encoder line	
X350-18	 MIL-DTL-5015系列 军规航插 3108E20-29S D-SUB 9P公针头	伺服编码器线 Servo encoder line	**X350-19** **X350-19T**	 D/MS108B20-18S 4芯散线	伺服动力线 Servo drive cable	
X350-20 **X350-20H**	 MIL-DTL-5015系列 军规航插 3108E20-22S 4芯散线	伺服动力线 Servo drive cable	**X350-21**	 插头：D/MS3108E20-18S 6芯散线	伺服带刹车动力线 Servo with braking power cord	
X350-22H	 MIL-DTL-5015系列 军规航插 3108E20-22S 6芯散线	伺服带刹车动力线 Servo with braking power cord				

1500
3000
5000

分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

禾川伺服电缆线
X352系列

禾川サーボケーブルです
HCFA servo cable



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

* ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
* 高い曲げ強度と高柔軟性；
* 冷却剤と油に強い、耐きず;
* 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X352 — 1 — 1000

- X352：禾川伺服电缆线 HCFA servo cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

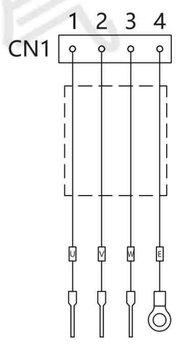
注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。
Notice:the shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.

端口对应列表 Port corresponding list

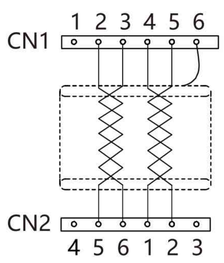
型号 Model	对应功率 Corresponding power	缆线规格 Cable specification	原厂型号 Original model	对应伺服放大器 Corresponding Servo Amplifier	对应马达 Corresponding Motor
X352-1	450W以下	AWG20	CAB-PWR75A-**M	SV-X3E SV-X2E SV-X6系列	SVX2 SVX6系列
X352-1H	450-750W	AWG17	CAB-PWR75A-**M		
X352-2	50-750W	AWG24	SVCAB-ENC75A-**M		
X352-3	50-750W	AWG24	SVBOX-ENCABS-**M	SV-X3E系列	
X352-4	1000-2000W	AWG24	CAB-ENC100A-**M	SV-X3E SV-X2E SV-X6系列	
X352-5	1000-2000W	AWG24	CAB-ENC100A-ABS-**M		
X352-6	1000-2000W	AWG14	CAB-PWR100A-**M		
X352-7	1000-2000W	AWG18	/		
X352-8	50-750W	AWG22	/		

电路图 Wiring Diagram

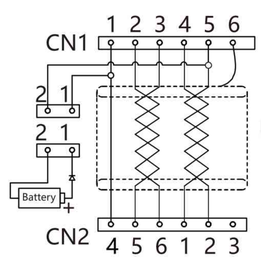
X352-1/1H



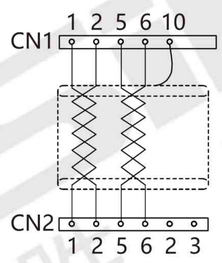
X352-2



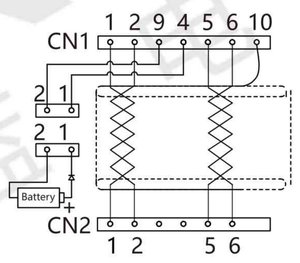
X352-3



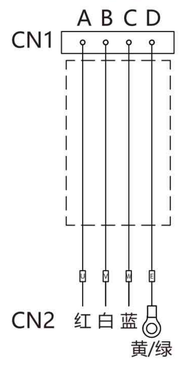
X352-4



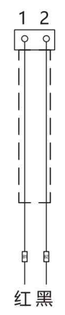
X352-5



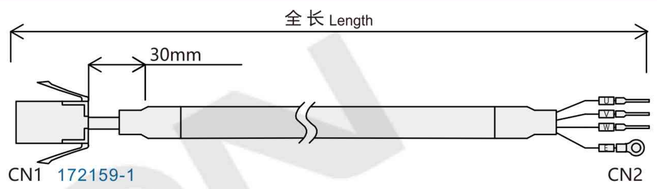
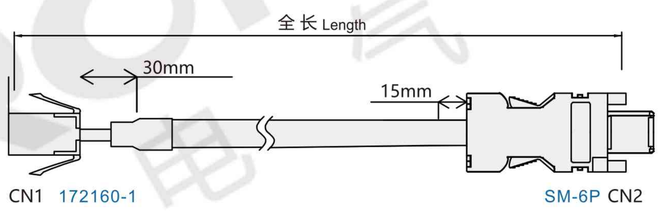
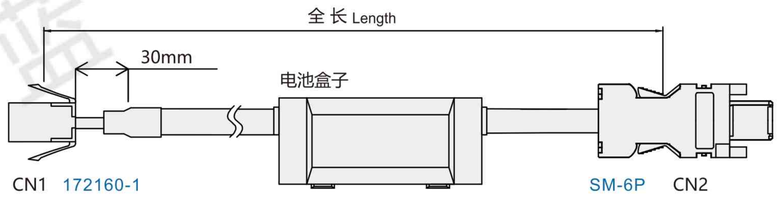
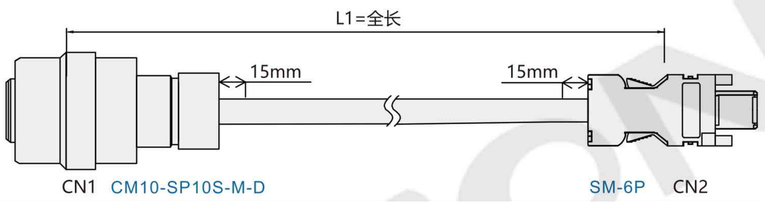
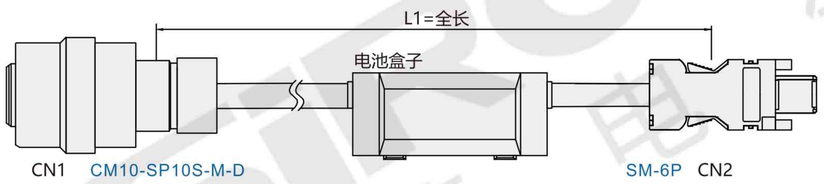
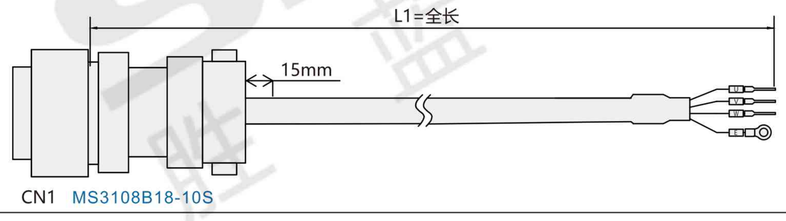
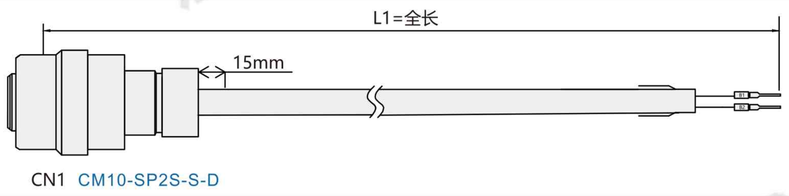
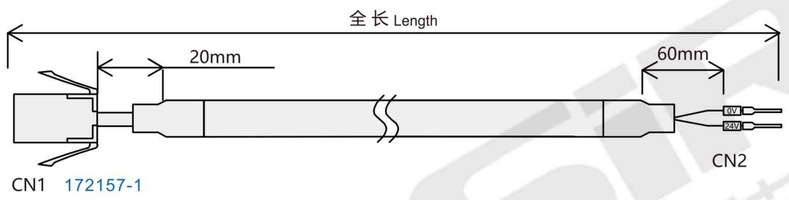
X352-6



X352-7/8



外形图 Outline

型号 Model	功能 Functions	外形图 Dimensions	全长 Length (mm)
X352-1 X352-1H	伺服动力线 Servo drive cable		1500 3000 5000
X352-2	伺服编码器线 Servo encoder line		
X352-3	伺服编码器线 Servo encoder line		
X352-4	伺服编码器线 Servo encoder line		
X352-5	伺服编码器线 Servo encoder line		
X352-6	伺服动力线 Servo drive cable		
X352-7	电机刹车线 Motor brake line		
X352-8	刹车线 The brake line		

西门子伺服电缆线
X360系列

シーメンス製サーボケーブルです
Siemens servo cable



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

＊ ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
＊ 高い曲げ強度と高柔軟性；
＊ 冷却剂と油に強い、耐きず;
＊ 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X360 — 1 — 1000

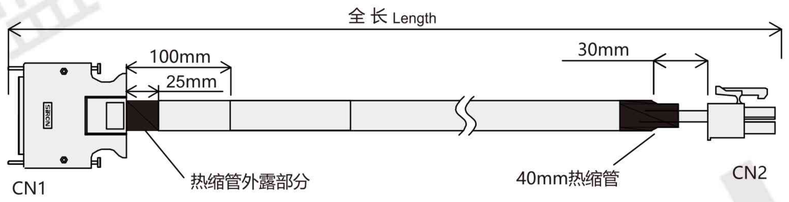
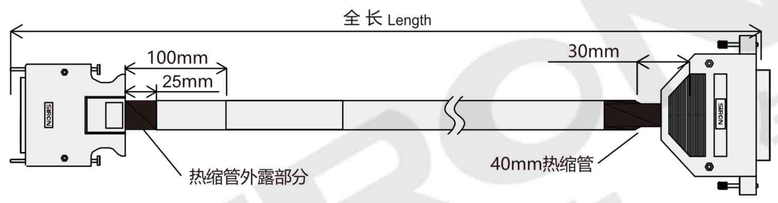
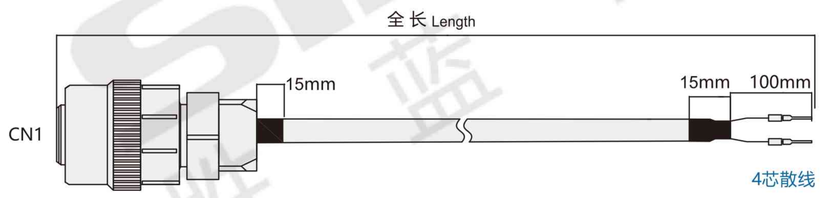
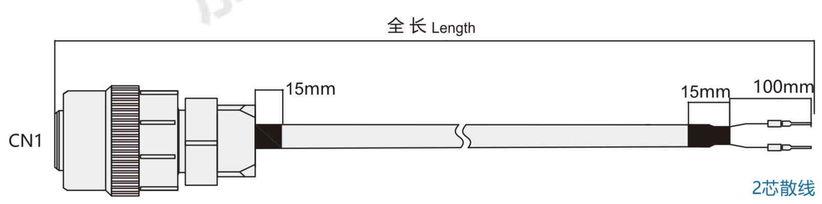
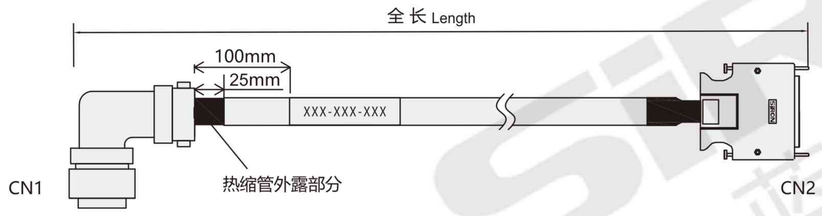
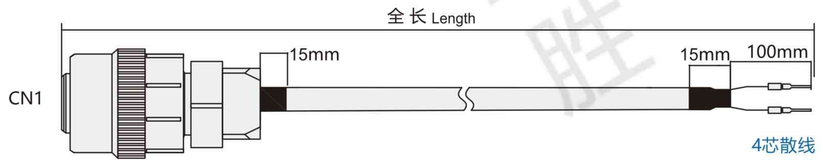
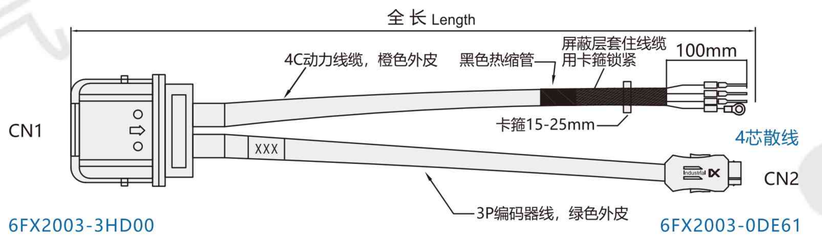
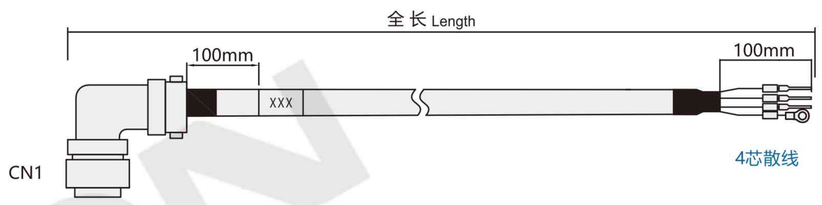
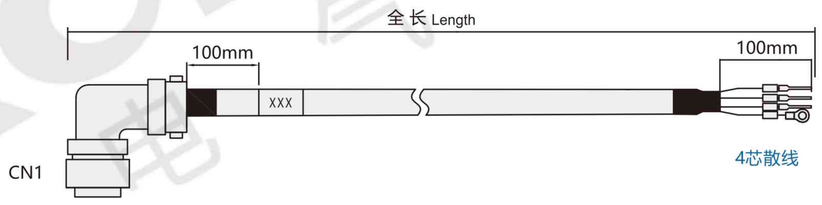
- X360：西门子伺服电缆线 Siemens servo cable
- 1：序号 Serial number
- 1000：长度 Length(mm)

注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。
Notice:the shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.

端口对应列表 Port corresponding list

型号 Model	对应功率 Corresponding power	缆线规格 Cable specification	原厂型号 Original model	对应伺服放大器 Corresponding Servo Amplifier	对应马达 Corresponding Motor
X360-1	450W以下	AWG20	6FX3002-5CK01	V90系列	SIMOTICS S-1FL6系列 (低惯量)
X360-1H	750～1000W	AWG18	6FX3002-5CK01		
X360-2	100～1000W	AWG22	6FX3002-5BK02		
X360-3	100～1000W	AWG24	6FX3002-2CT20		
X360-4	100～1000W	AWG24	6FX3002-2DB20		
X360-9	1500～3000W	AWG14	6FX3002-5CL12		SIMOTICS S-1FL6系列 (高惯量)
X360-10	1500～3000W	AWG18	6FX3002-5BL03		
X360-11	400～5500W	AWG24	6FX3002-2DB10		
X360-13	400～1000W	AWG16	6FX3002-5CL02		
X360-15	400～1000W	AWG24	6FX3802-7CD01	S200系列	SIMOTICS S-1FL2系列
X360-16	400～1000W	AWG24	6FX3502-7DD01		
X360-17	400～1000W	AWG17	6FX3002-5CL01	V90系列	SIMOTICS S-1FL6系列 (高惯量)
X360-19	1500～5500W	AWG13	6FX3002-5CL11		

外形图 Outline

型号 Model	功能 Functions	外形图 Dimensions	全长 Length (mm)
X360-1 **X360-1H**	伺服动力线 Servo power line	 插头：5557-04R-BL	
X360-2	伺服刹车线 Servo brake cable	 插头：5557-02R-BL	
X360-3	伺服编码器线 Servo encoder line	 插头：14P 3M　　插头：5557-12R-BL	
X360-4	伺服绝对值编码器 Servo absolute encoder	 插头：14P 3M　　15P/D-SUB针头	
X360-9	伺服动力线 Servo power line	 6FX2003-0LL13	
X360-10	伺服刹车线 Servo brake cable	 6FX2003-0LL53	**1500** **3000** **5000**
X360-11	伺服编码器线 Servo encoder cable	 6FX2003-0DB11　　14P 3M插头	
X360-13	伺服动力线 Servo power line	 6FX2003-0LL13	
X360-15 **X360-16**	动力、编码器一体线 drive and encoder integrated line 动力、刹车、编码器一体线 Drive 、brake、encoder integrated line	 6FX2003-3HD00　　6FX2003-0DE61	
X360-17	伺服动力线 Servo power line	 弯头:6FX2003-0LL11	
X360-19	伺服动力线 Servo power line	 弯头:6FX2003-0LL11	

Servo motor cable
サーボモーター用ケーブルです
伺服电机电缆线

分类
Classification

- 以太网线 Ethernet cable
- I/O预铸连接线 I/O cable
- 相机线 Camera cable
- PLC对应电缆线 PLC cable
- **伺服对应电缆线 Servo cable**
- 各类纯线材 Pure wire
- 辅助连接器 Connector

电路图 Wiring Diagram

X360-1/X360-1H



X360-2

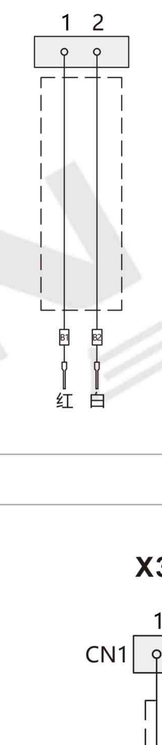
X360-3

X360-4

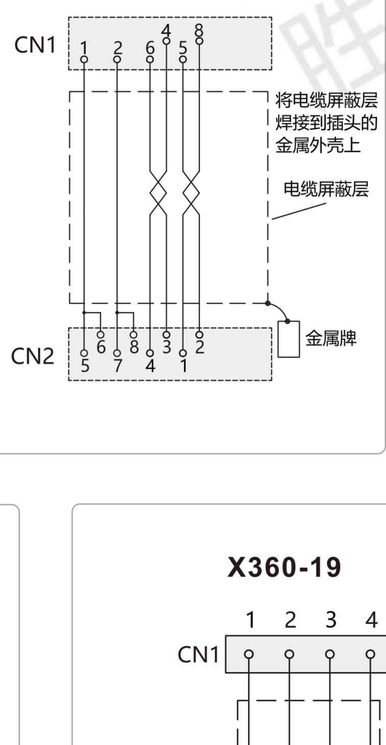


X360-9

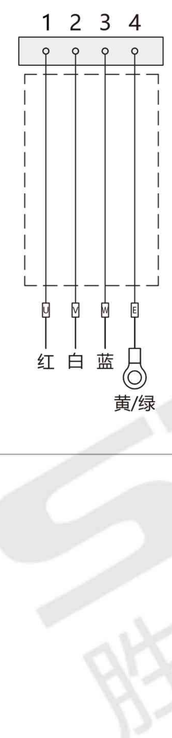
X360-10



X360-11



X360-13



X360-15/X360-16

X360-17

X360-19

富士伺服电缆线
X370系列

富士サーボケーブル
Fuji servo cable



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

*** 电缆外护套由低粘性高耐磨损材料制成；**
*** 具有高抗弯曲强度及高柔韧性；**
*** 耐油和冷却剂，耐刻痕；**
*** 适用于一般布线场所及拖链。**

＊ ケーブルのカバーは低粘り高耐摩耗材料でつくりられます；
＊ 高い曲げ強度と高柔軟性；
＊ 冷却剂と油に強い、耐きず；
＊ 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X370 — **1** — **1000**

- **X370** — **富士伺服电缆线** Fuji servo cable
- **1** — **序号** Serial number
- **1000** — **长度** Length(mm)

注意：全长最短长度为1000mm，如需增加长度则以1000mm长度递增。
Notice:the shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.

端口对应列表 Port corresponding list

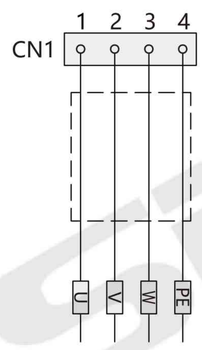
型号 Model	对应功率 Corresponding power	缆线规格 Cable specification	原厂型号 Original model	对应伺服放大器 Corresponding Servo Amplifier	对应马达 Corresponding Motor
X370-1	50-750W	AWG20	CABLE-7BN*M*-Z	L7系列	ACM2-040 (040-080); ACM-40 (40-80); 塑插型
X370-2	50-750W	AWG22	CABLE-SCM*M*-S		

外形图 Outline

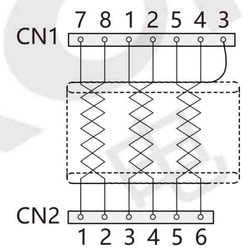
型号 Model	功能 Functions	外形图 Dimensions	全长 Length (mm)
X370-1	伺服动力线 Servo power line	全长 Length 20mm 60mm U V W E CN1 172159-1 CN2	**1500** **3000** **5000**
X370-2	伺服编码器线 Servo encoder line	全长 Length 100mm 25mm CN1 172161-1 CN2 55100-0670或SM-6P	

电路图 Wiring Diagram

X370-1

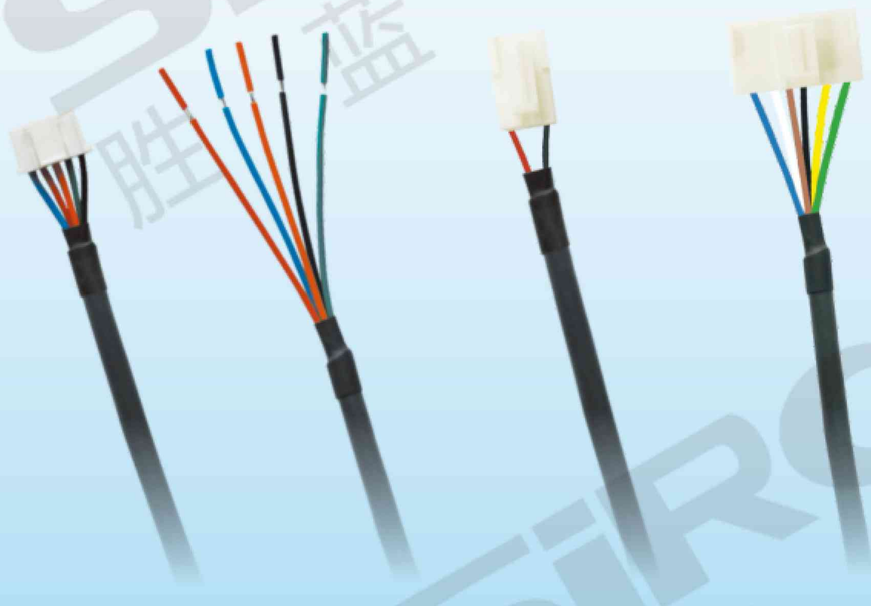


X370-2



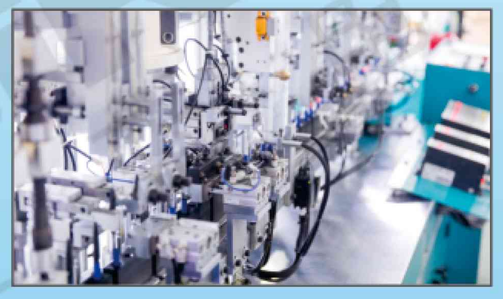
东方CFK/CRD系列
步进电机电缆线
X400/X401/X402系列

东方CFK/CRDシリーズステッピングモーターケーブル
Oriental CFK/CRD series stepper motor cable



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 伺服线 | 耐油 | 耐热 | 电箱配线

特点 Features

* 电缆外护套由低粘性高耐磨损材料制成；
* 具有高抗弯曲强度及高柔韧性；
* 耐油和冷却剂，耐刻痕；
* 适用于一般布线场所及拖链。

＊ ケーブルのカバーは低粘り高耐摩耗材料でつくりられます;
＊ 高い曲げ強度と高柔軟性；
＊ 冷却剂と油に強い、耐きず;
＊ 普通の配線場所およびローラーチェーンに適用.

* Cable oversheath is made of low tack and high wear-resistance material;
* With high flexural strength and high flexibility;
* With oil and refrigerant resistance function, uneasy to leave scratch;
* Applicable to general wiring situation and towing transmission places.

注意事项 note

- 请根据下表，选择伺服马达的线束。
- 请不要随意变更线束内部品。
- Please according to the table below to choose the wiring harness of the servo motor.
- Please don't change the wiring harness internal component at will.

订货范例 Order

X400 — **1** — **1000**

东方CFK/CRD系列步进电机电缆线 Oriental CFK/CRD series stepper motor cable
序号 Serial number
长度 Length(mm)

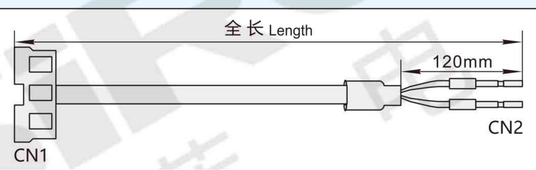
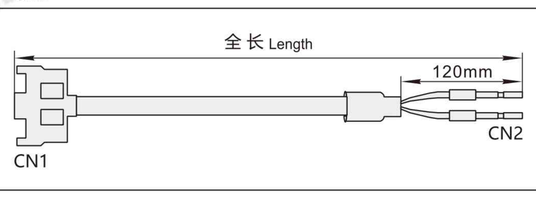
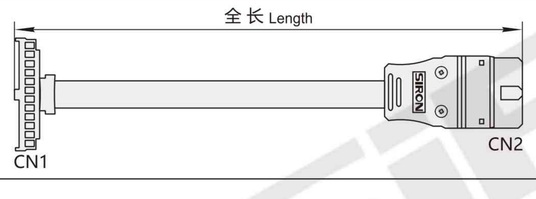
注意： 1. X400-1/X400-3和X401-1/X401-3最短长度为1000mm,如需增加以1000mm为单位递增。
2. X400-2和X401-2最短长度为1000mm，如需增加以1000mm为单位递增。

Note : 1. X400-1/X400-3 and X401-1/X401-3 the shortest length is 1000mm, such as the need to increase to 1000mm for increasing unit.
2. X400-2 and X401-2 the shortest length is 1000mm, such as theneed to increase to 1000mm for increasing unit.

端口对应列表 Port corresponding list

型号 Model	缆线规格 Cable specification	步进驱动器 Stepper Drives	对应马达 Corresponding Motor
X400-1	AWG24	DFC5103PB DFC5114PB DFC5107PB CRD5103PB CRD5107PB CRD5114PB	PK5系列
X400-2	AWG22		
X400-3	AWG28		
X401-1	AWG24		
X401-2	AWG22		
X401-3	AWG28		
X402-1	AWG22	CMD2109P CMD2112P CMD2120P	—
X402-2L	AWG24		PK223/PK224/PK225
X402-2			PK233/PK235/PK244/PK246
X402-2H			PK264/PK266/PK268
X402-3			—

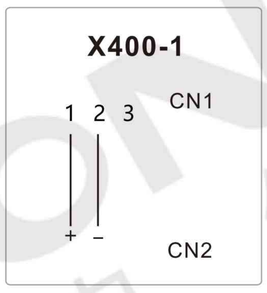
外形图 Outline

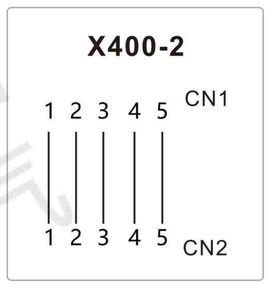
型号 Model	功能 Functions	外形图 Dimensions	全长 Length (mm)
X400-1	步进电源线 Stepping power cable		**1000** **1500** **注明:** 最短线长为1000mm， 如需增加以1000mm 为单位递增。 Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.
X400-3	步进控制线 Stepping control cable		
X401-1	步进电源线 Stepping power cable		
X401-3	步进控制线 Stepping control cable		

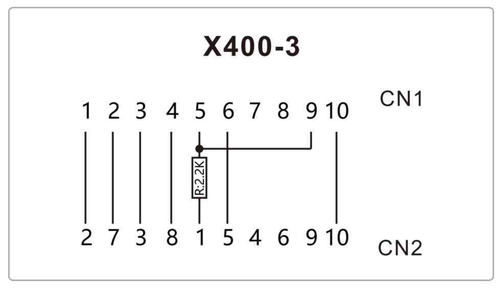
外形图 Outline

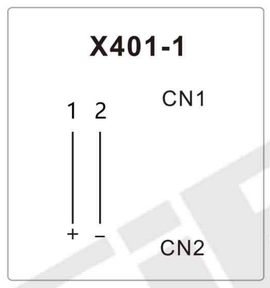
型号 Model	功能 Functions	外形图 Dimensions	全长 Length (mm)
X400-2	步进动力线 Stepping drive cable		1500 3000 5000
X401-2	步进动力线 Stepping drive cable		
X402-1	东方CMD步进电机电源线 Oriental CMD Stepping Motor Power Cord		1000 1500 **注明:** 最短线长为1000mm， 如需增加以1000mm 为单位递增。 Notes: The minimum cable is 1000mm, and 1000mm for increasing if need.
X402-2L	东方CMK22步进电机马达线 Oriental CMK22 Stepping Motor Line		
X402-2	东方CMK23/24步进电机马达线 Oriental CMK23/24 Stepping Motor Line		
X402-2H	东方CMK26步进电机马达线 Oriental CMK26 Stepping Motor Line		
X402-3	东方CMD步进电机马达线 Oriental CMD Stepping Motor Line		

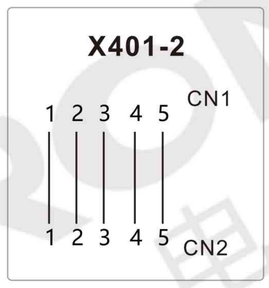
电路图 Wiring Diagram

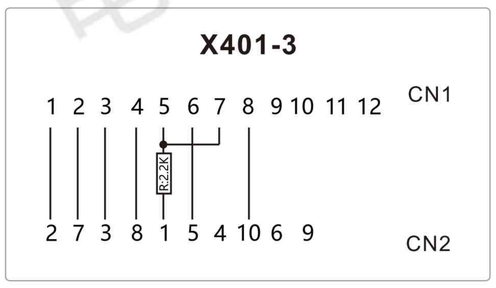


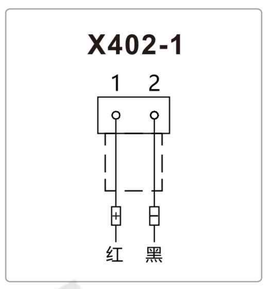


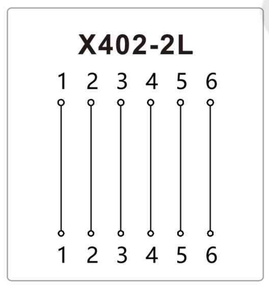


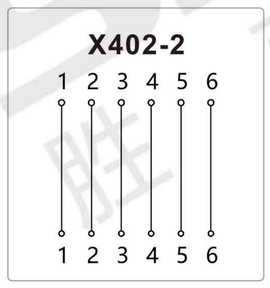


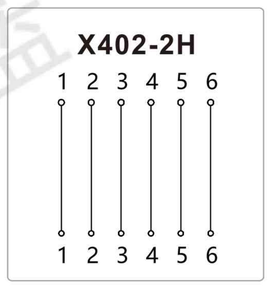


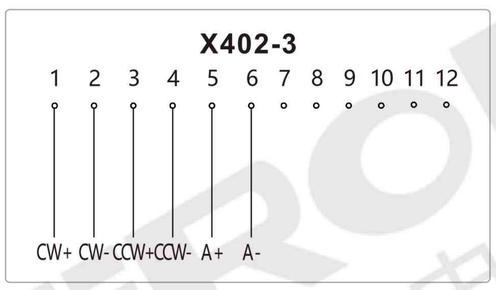








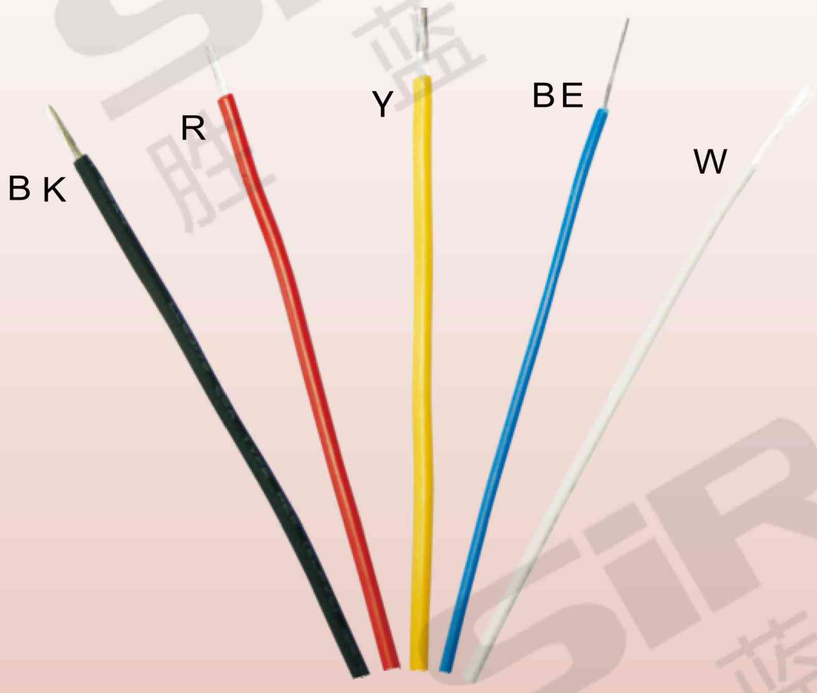




分类 Classification
以太网线 Ethernet cable
I/O预铸连接线 I/O cable
相机线 Camera cable
PLC对应电缆线 PLC cable
伺服对应电缆线 Servo cable
各类纯线材 Pure wire
辅助连接器 Connector

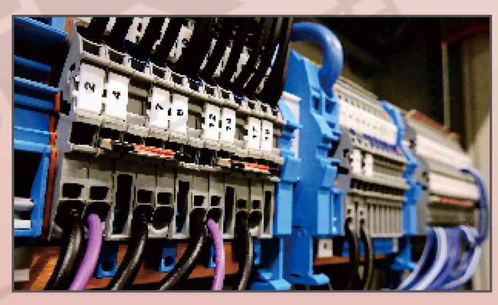
UL单芯电子线
X020系列

UL单心ケーブル
UL single core electronic wire



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | UL | 耐热 | 300V | 80℃

特点 Features

* 适用于电气，电子设备的内部配线及仪表配线；
* 符合UL758和CSA C22.2 NO.210.2的标准；
* 额定电压为300V，额定温度为80℃；
* 无铅聚氯乙烯绝缘，并通过UL VW-1及CSA Ft1要求的耐燃测试。

* 電気、電子設備の内部配線及びメータ-配線に適用.
* UL758とCSA C22.2 NO.210.2の標準に合っています.
* 定額電圧：300V、定額温度：80℃.
* 無鉛ポリ塩化ビニールで絶縁、VW-1およびCSA Ft1の求めたのが燃えるテスに耐えることを通っています.

* Applicable to electric and electronic equipment then realize internal wiring and instrument wiring.
* Complies with the standard of UL 758 and CSA C22.2 NO.210.2.
* Rated voltage is 300V and rated temperature is 80℃.
* With lead-free PVC insulated, and passes the flame retardant test which indicated in VW-1 and CSA Ft1.

订货范例 Order

X020 – UL1015 – 18 – R – 100

① UL单芯线系列 Single core UL wire type
② 线材UL型号 Wire ULModel
③ 线芯规格大小AWG Represents core wire gauge size AWG
④ 线材颜色(*见表一) Wire Color(*see Table 1)
⑤ 线材长度100米起订(打/卷) Delegate rolls from 100 meters

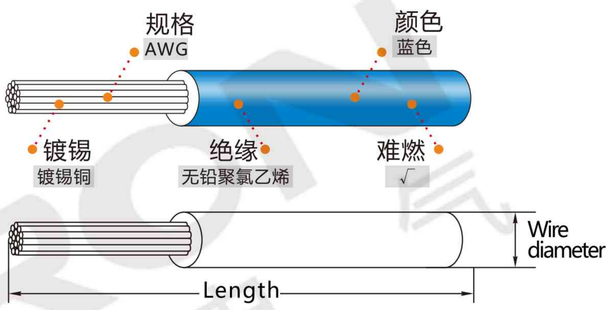
表一：线材颜色 Table 1:Wire Color

代码 Code	BK	BN	R	O	Y	GN	BE	P	GY	W	YG
颜色 Colour	黑 Black	棕 Brown	红 Red	橙 Orange	黄 Yellow	绿 Green	蓝 Blue	紫 Purple	灰 Grey	白 White	黄/绿 Yellow/Green

线规对照表 Reference Table for Wire Diameter

线规 Wire number	截面积 Wire diameter			外径 Wire diameter	
(AWG)	mm^2	in	CM	mm	mil
28	0.08046	0.0001247	158.6	0.3200	12.6
27	0.1022	0.0001584	201.6	0.3607	14.2
26	0.1281	0.0001986	252.8	0.4039	15.9
25	0.1624	0.0002517	320.4	0.4547	17.9
24	0.2047	0.0003173	404.0	0.5105	20.1
23	0.2589	0.0004012	510.8	0.5740	22.6
22	0.3243	0.0005027	640.1	0.6426	25.3
21	0.4116	0.0006379	812.3	0.7239	28.5
20	0.5189	0.0008042	1024	0.8128	32.0
19	0.6529	0.001012	1289	0.9119	35.9
18	0.8233	0.001276	1624	1.024	40.3
17	1.040	0.001612	2052	1.151	45.3
16	1.3	0.002027	2581	1.290	50.8
15	1.65	0.002561	3260	1.450	57.1
14	2.1	0.003227	4109	1.628	64.1
13	2.63	0.004072	5184	1.829	72.0
12	3.3	0.005128	6529	2.052	80.8
11	4.17	0.006461	8226	2.304	90.7
10	5.3	0.008155	10380	2.588	101.9
9	6.63	0.01028	13090	2.906	114.4

外观表示图 Dimensions



包装方式 Packing method

长度 Length (m)	100
包装 Packing	塑胶膜 Plastic Film

- 标准包装方式为塑料膜包装，如需要纸箱包装请咨询销售人员。
- The standard package is plastic film, please consult sales representatives if need carton package.



UL多芯电缆线
X021系列

ULマルチコアケーブル
UL multi-core cable



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing

RoHS | UL | 耐热 | 抗弯曲 | 柔软 | 双绞



特点 Features

* 适用于电气设备的内外部配线；
* 编织屏蔽层覆盖率85%；
* 符合UL758和CSA C22.2 NO.210.2的标准；
* 额定电压为300V，额定温度为80℃；
* 无铅聚氯乙烯绝缘，并通过UL VW-1及CSA Ft1要求的耐燃测试。

＊ 電気設備の内外部の配線に適用；
＊ 編組シールド層被覆率85%；
＊ UL758とCSA C22.2 NO.210.2の標準に合っています；
＊ 定額電圧：600V、定額温度：105℃；
＊ 無鉛ポリ塩化ビニールで絶縁、VW-1およびCSA Ft1の求めたのが燃えるテストに耐えることを通っています。

* Applicable to electric equipment then realize internal and external wiring;
* Weaving shielding layer coverage rate of 85%;
* Complies with the standard of UL 758 and CSA C22.2 NO.210.2;
* Rated voltage is 600V and rated temperature is 105℃;
* With lead-free PVC insulated, and passes the flame retardant test which indicated in VW-1 and CSA Ft1.

订货范例 Order

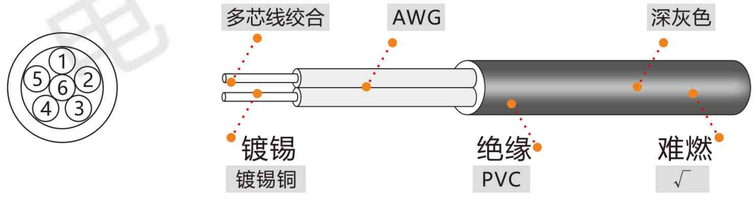
X021 – UL2464 – 10C 24 S T – 100

① UL多芯线系列 Multi-core UL wire type
② 线材UL型号 Wire UL Model
③ 多少根芯线数量，C为非双绞线，P为双绞线(例：10C即为10根芯线数；4P为4对双绞线(即8根芯线数)) Represents the number of core wires C is non-twisted, P is twisted pair; 10C is 10 core wires; 4P is 4 pairs of twisted wires, which is 8 core wires
④ 线芯规格大小AWG Core wire gauge size AWG
⑤ S:表示屏蔽线；空白:表示非屏蔽线 S for shielded wire, otherwise blank
⑥ T:表示拖链线；空白:表示非拖链线 T for drag chain/high flexible wire,otherwise blank
⑦ 线材长度100米起订(打/卷) Delegate rolls from 100 meters

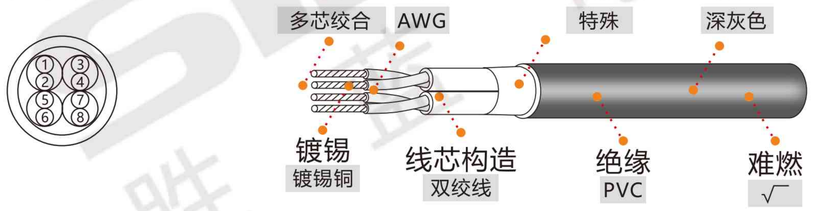
注：多芯线芯色参考“**P034~P035页胜蓝多芯电缆线线芯色表**”。
Note: The color of the multi-core wire core refers to the "P034~P035 page Shenglan multi-core cable core color table".

外观表示图 Dimensions

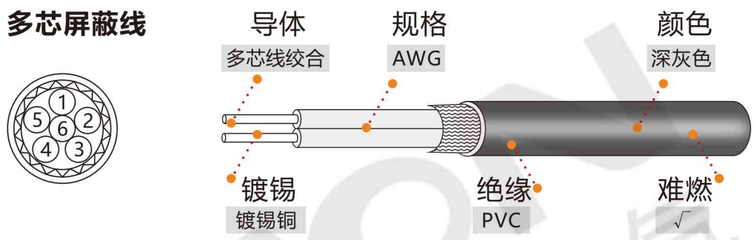
多芯普通线



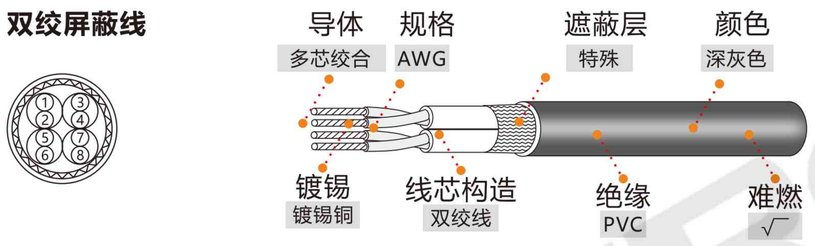
多芯双绞线



多芯屏蔽线



双绞屏蔽线



电流减少系数 Factor for current decrease

周围温度（℃） Ambient Temperature (℃)	30	40	50	60	70
电流减少系数 Current Reduce Coefficient	1.00	0.89	0.77	0.63	0.44

●**电流系数说明**:周围的温度在30℃以上时,把上面的电流减少系数和容许电流相乘.
Specifications of current factor： Multiplies the above current factors with allowance current when around temperature exceeds 30℃

拖链参数 Drag chain parameters

弯曲半径 Radius	拖链次数 Number	拖链速度 Speed
≥10OD(10倍缆线直径)	≥1000万次	≤2m/s

包装方式 Packing method

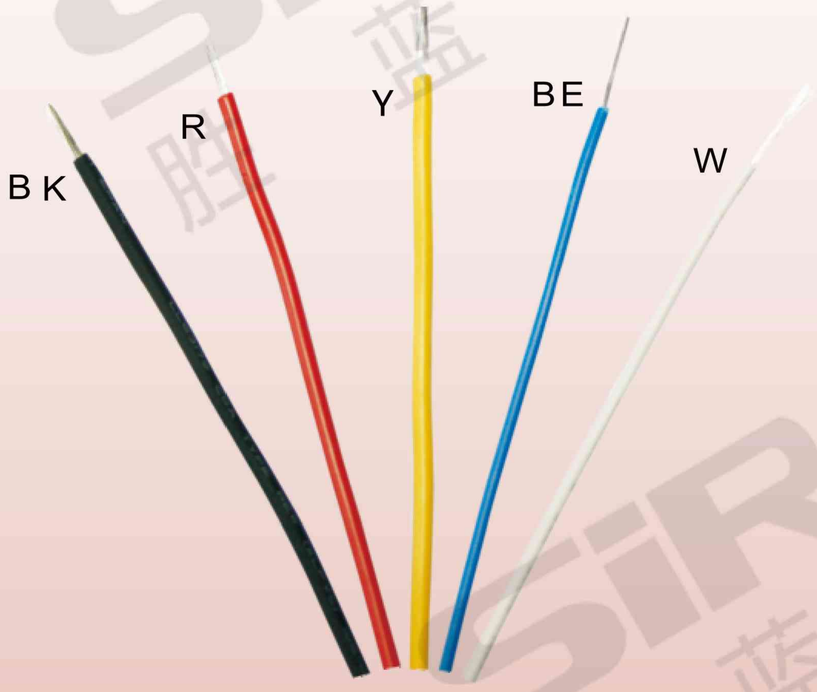
长度 Length (m)	100
包装 Packing	塑胶膜 Plastic Film

- 标准包装方式为塑料膜包装，如需要纸箱包装请咨询销售人员。
- The standard package is plastic film, please consult sales representatives if need carton package.


塑胶膜

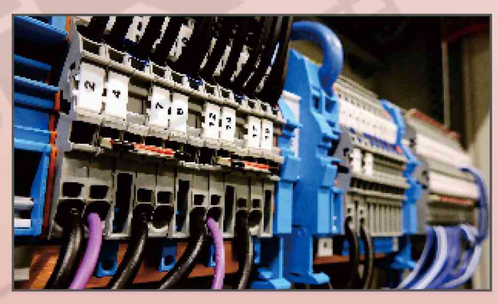
国标单芯电子线
X023系列

こくひょう単心電子線
National standard single core electronic wire



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS 耐热 抗弯曲 柔软 300V

特点 Features

* 适用于电气，电子设备的内部配线及仪表配线；
* 额定电压为300V，额定温度为80℃；

* 電気、電子設備の内部配線及びメータ-配線に適用.
* 定額電圧：300V、定額温度：80℃.

* Applicable to electric and electronic equipment then realize internal wiring and instrument wiring.
* Rated voltage is 300V and rated temperature is 80℃.

订货范例 Order

X023 – 25 R – 100

① 国标单芯CCC线系列
Single-core national standard CCC wire type

② 芯线规格大小, 例:25平方写25，0.25平方写0.25，1平方写1.0
On behalf of the size of the core wire, 25 square write 25, 0.25 square for 0.25,1 square for 1.0

③ 线材颜色(*见表一)
Wire Color(*see Table 1)

④ 线材长度100米起订(打/卷)
Delegate rolls from 100 meters

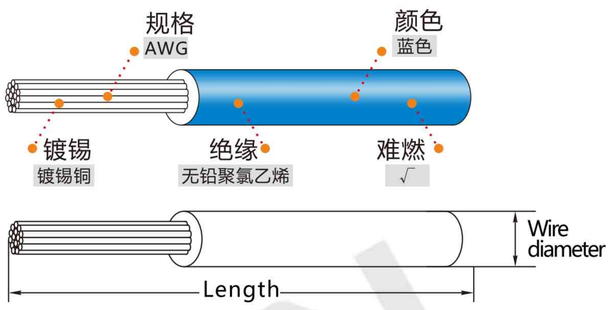
表一：线材颜色 Table 1:Wire Color

代码 Code	BK	BN	R	O	Y	GN	BE	P	GY	W	YG
颜色 Colour	黑 Black	棕 Brown	红 Red	橙 Orange	黄 Yellow	绿 Green	蓝 Blue	紫 Purple	灰 Grey	白 White	黄/绿 Yellow/Green

线规对照表 Reference Table for Wire Diameter

截面积 Wire diameter			外径 Wire diameter	
mm^2	in	CM	mm	mil
0.1	0.0001247	158.6	0.3200	12.6
0.2	0.0003173	404.0	0.5105	20.1
0.25	0.0004012	510.8	0.5740	22.6
0.5	0.0008042	1024	0.8128	32.0
0.75	0.001276	1624	1.024	40.3
1.0	0.001612	2052	1.151	45.3
1.5	0.002561	3260	1.450	57.1
2.50	0.004072	5184	1.829	72.0
4.0	0.006461	8226	2.304	90.7
6.0	0.01028	13090	2.906	114.4
10	0.01635	20820	3.655	144.3
15	0.02599	33090	4.620	181.9
20	0.03278	41740	5.189	204.3
25	0.04133	52620	5.827	229.4
30	0.05212	66360	6.543	257.6

外观表示图 Dimensions



包装方式 Packing method

长度 Length (m)	100
包装 Packing	塑胶膜 Plastic Film

- 标准包装方式为塑料膜包装，如需要纸箱包装请咨询销售人员。
- The standard package is plastic film, please consult sales representatives if need carton package.


塑胶膜

国标多芯电缆线
X024系列

こくひょうマルチコアケーブル
National standard multi-core cable



*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 屏蔽线 | 耐热 | 柔软 | 双绞

特点 Features

* 适用：电脑及数据传输系统连接线，模拟量信号等高抗干扰要求场所，电气、电子设备内外部配线；

* 镀锡或裸铜丝编织，80%以上覆盖率，通过VW-1SC及CSA Ft1垂直耐燃测试。

* 適用:コンピュータとデータの伝送システムの接続コード，アナログ信号などの干渉高抵抗性を求めたの場所，電気、電子設備の内外部配線

* スズめっき或いはむき出し銅線を編んで、被覆率は80%以上を占めます，VW-1およびCSA Ft1の求めたのが垂直燃えるテストに耐えることを通っています.

* Applicable to: Connecting cable for computer and data transmission system，Places which need analog signal and high anti-interference requirements，Applicable to electric and electronic equipment then realize internal and external wiring.

* Makes of tin or bare copper wire, also has over 80% of coverage，Passes the flame retardant test which indicated in VW-1 and CSA Ft1.

订货范例 Order

X024 – 10C 0.25 S T – 100

⑥ 线材长度100米起订(打/卷)
Delegate rolls from 100 meters

⑤ T:表示拖链线；空白:表示非拖链线
T for drag chain wire (10 million times), non-drag chain blanks

④ S:表示屏蔽线；空白:表示非屏蔽线
S for shielded wire, unshielded blank

③ 芯线规格大小, 例:10平方写10，0.25平方写0.25，1平方写1.0
Representing the size of the core wire, 10 square for 10, 0.25 square for 0.25,1 square for 1.0

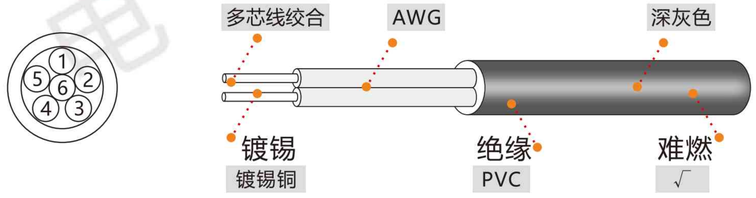
② 多少根芯线数量，C为非双绞线，P为双绞线(例：10C即为10根芯线数；4P为4对双绞线(即8根芯线数))
Representing the number of core wires. C is non-twisted,P is twisted.10C is the number of 10 cores; 4P is 4 pairs of twisted pair, which is the number of 8 cores

① 国标多芯CCC线系列
Multi-core national standard CCC wire type

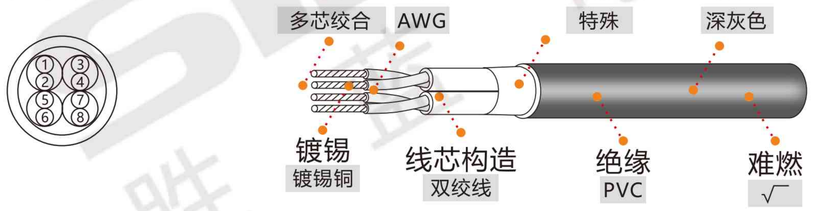
注：多芯线芯色参考“**P034~P035页胜蓝多芯电缆线线芯色表**”。
Note: The color of the multi-core wire core refers to the "P034~P035 page Shenglan multi-core cable core color table".

外观表示图 Dimensions

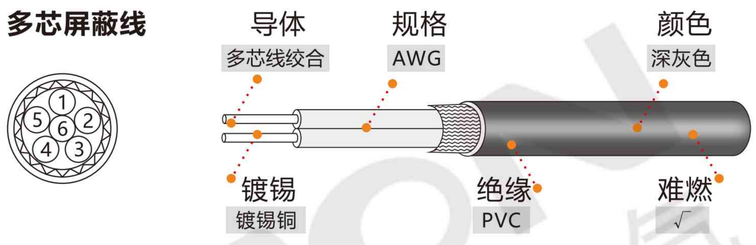
多芯普通线



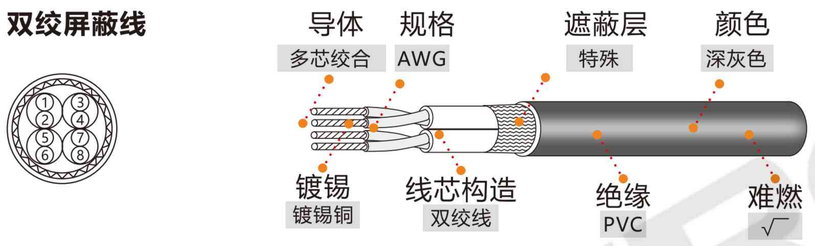
多芯双绞线



多芯屏蔽线



双绞屏蔽线



电流减少系数 Factor for current decrease

周围温度（℃） Ambient Temperature (℃)	30	40	50	60	70
电流减少系数 Current Reduce Coefficient	1.00	0.89	0.77	0.63	0.44

● **电流系数说明**:周围的温度在30℃以上时,把上面的电流减少系数和容许电流相乘.
Specifications of current factor： Multiplies the above current factors with allowance current when around temperature exceeds 30℃

拖链参数 Drag chain parameters

弯曲半径 Radius	拖链次数 Number	拖链速度 Speed
≥10OD(10倍缆线直径)	≥1000万次	≤2m/s

包装方式 Packing method

长度 Length (m)	100
包装 Packing	塑胶膜 Plastic Film

- 标准包装方式为塑料膜包装，如需要纸箱包装请咨询销售人员。
- The standard package is plastic film, please consult sales representatives if need carton package.

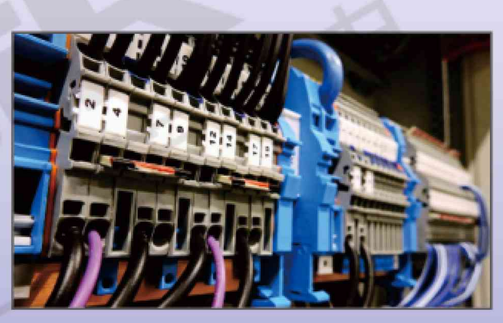

塑胶膜

MIL连接器
X800系列

MILコネクタ
MIL Connector

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X800-10



X800-20



X800-34



X800-40

X800-10专利号：201230190060.6
X800-20专利号：201230201025.X
X800-34专利号：201230276336.2
X800-40专利号：201230190087.5

专利 | RoHS | 压针 | 螺丝锁紧 | 信号用

特点 Features

* 黑色塑料外壳整体颜色协调美观；
* 护盖使用M2螺丝固定，保证了对电缆线的压接力；
* 插头与插座间为卡式锁定机构，保证了即使在振动场所也会紧密联络，不松动；
* 环保等级符合欧美标准，防火等级为UL94V-0。

＊黒いプラスチックシェルの全体的な色は調和がとれて美しい；
＊カバーはM2ネジで固定され、ケーブルに対する圧着力を保証する；
＊プラグとソケットの間はカード型ロック機構であり、振動な場所でも密接に連絡でき、緩まない；
＊環境保護レベルは欧米基準に沿って、防火レベルがUL94V-0である。

* With black plastic shell of overall harmonious and beautiful color;
* The protecting cover is fixed with M2 screws to ensure crimping force to cables;
* Clamping lockout mechanism between the plug and the socket ensures tight contact even in vibration;
* Environmental Protection Class meeting European and US standards,fireproofing grade of UL94V-0.

订货范例 Order

X800 — 10

X800 MIL连接器 MIL Connector
10 P数 Number of Pins

产品属性 Product Attributes

型号 Model	X800				X801				X802			
名称 Name	护盖 Protecting Cover				插头 Plug				插座 Socket			
P数 Pins	10	20	34	40	10	20	34	40	10	20	34	40
外观 Appearance												
材质 Material	PA66、UL94HB				黑色玻璃填充聚酯 Black Glass Filled Polyester				黑色玻璃填充聚酯 Black Glass Filled Polyester			
易燃性 Inflammability	UL 94V-0				UL 94V-0				UL 94V-0			
颜色 Color	黑色 Black				黑色 Black				黑色 Black			
固定材质 Fixing Material	S450表面镀镍 S450 surface nickel plated				—				—			
固定螺丝 Fixing Screw	M2x6				—				触点材料 铜合金 Contact Material Copper Alloy			
固定螺母 Fixing Nut	M2螺母 M2 Nut				—				—			
触点端接方式 Contact Head Joint Means	—				插针式 Pin Type				基板焊接式 Substrate Welded Type			
适用电缆 Suitable Cable	—				AWG24~28（配套插针使用） AWG24~28 (used with pin)				—			
触点区域电镀 Contact Area Electroplated	—				—				0.76μm锡 触点采用镀金端子插针机加工形成 Contact processed with gilded terminal pin machine			
接触电阻 Contact Resistance	—				—				15mΩmin			
其它 Other	—				—				额定电流/绝缘电阻/承受电压/额定温度 Rating Current&Insulation Resistance&Rating Temperature 2ADC/5000MΩ/500VAC 1min/-55℃至+85℃			

插针 Pin X809-1



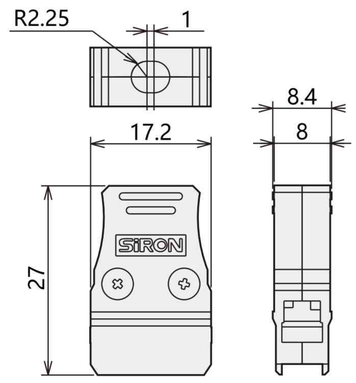
MIL连接器专用插针
Pin for MIL Connector

温馨提示 Tip

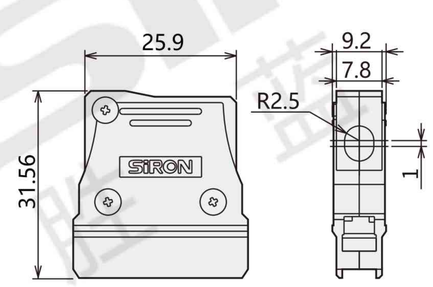
- 连接器各部件单独销售，请按型号分开订购；
  因厂家不同 尺寸和特性会有差异，使用前请确认。
- The various parts of connectors are sold separately.
  Please order them separately according to the model;
  The sizes and features vary depending on the manufacturer.
  Please confirm the sizes and features before use.

外形图 Outline

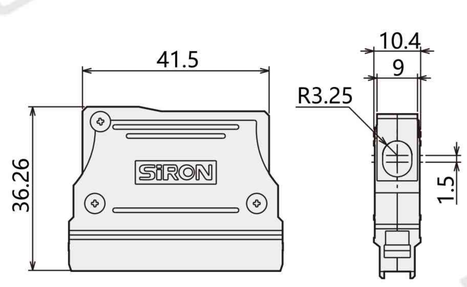
X800-10



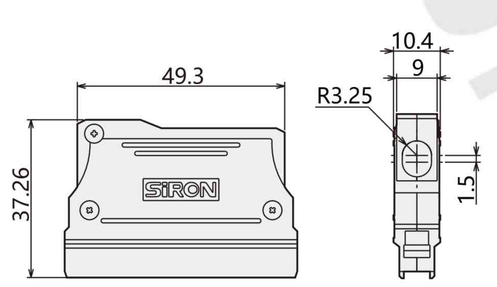
X800-20



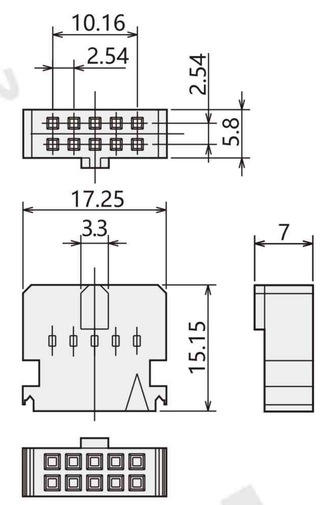
X800-34



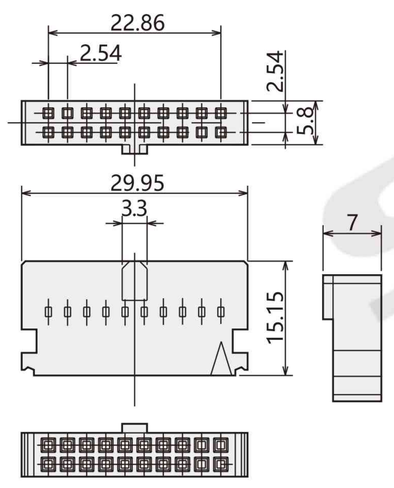
X800-40



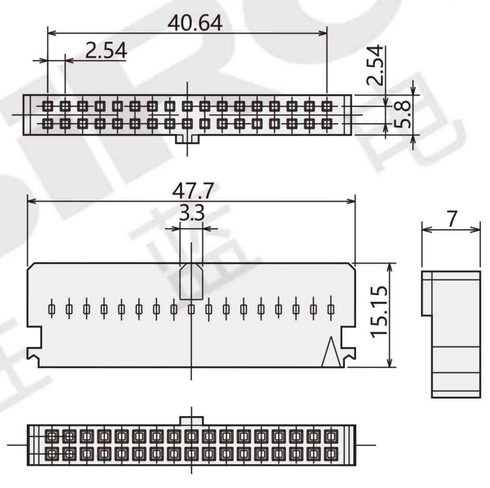
X801-10



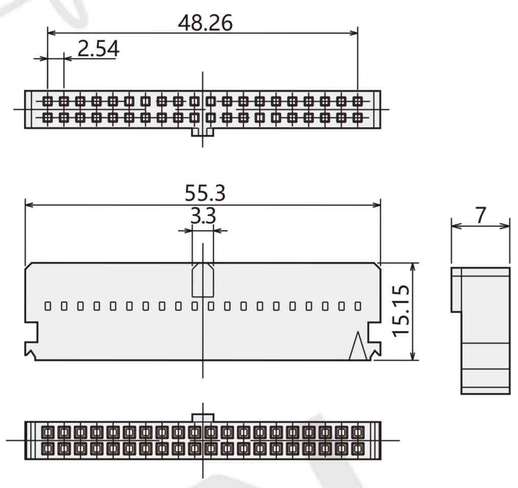
X801-20



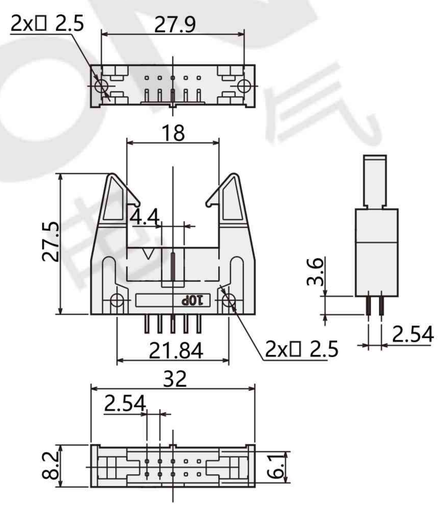
X801-34



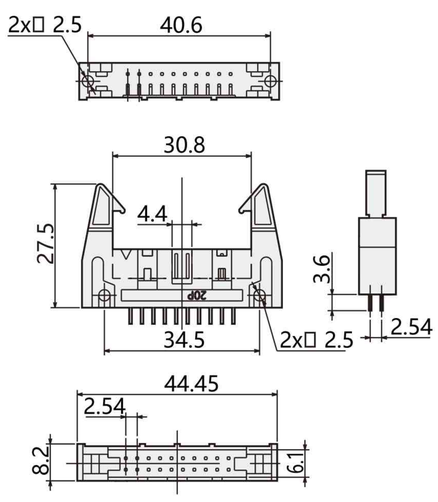
X801-40



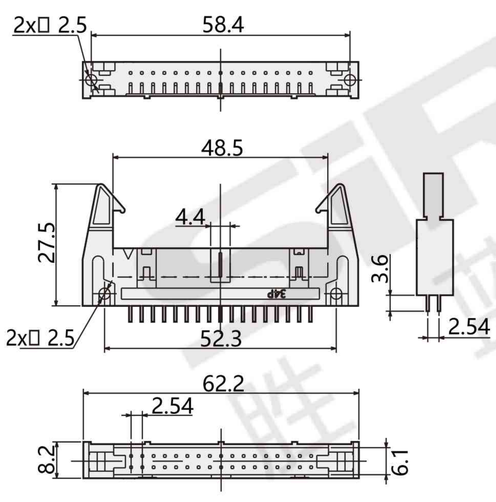
X802-10



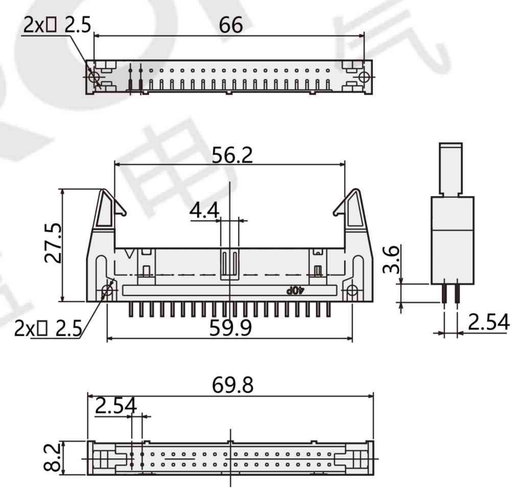
X802-20



X802-34

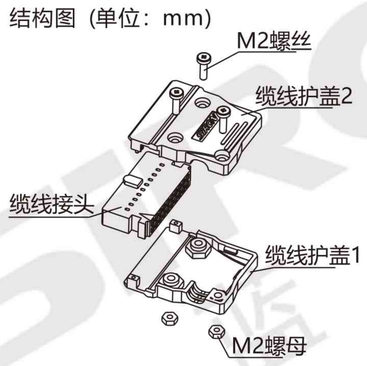


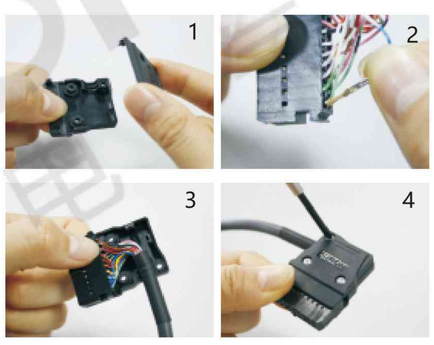
X802-40



使用方法 Use Method

结构图（单位：mm）





1.用手将护盖打开；
（注意扒开力度不宜过大，
以免损坏护盖扣件）
2.使用专用工具将插针压到导线上；
3.将压好的缆线放入护盖内；
4.盖上上盖，将螺丝锁紧；

1. Open the protecting cover manually;
   (Please note that the opening force should notbe too big to avoid damaging the fastener for protecting cover.)
2. Press the pin to the cable with a special tool;
3. Put the pressed cable into the protecting cover;
4. Replace the top cover and tighten the Screws.

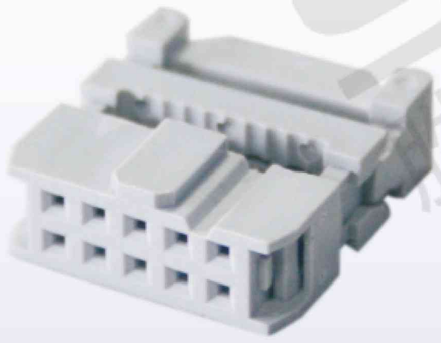
关联产品 Related Products

G401-432-112 系列
棘轮式端子压接钳
Ratchet Terminal Crimping Pliers

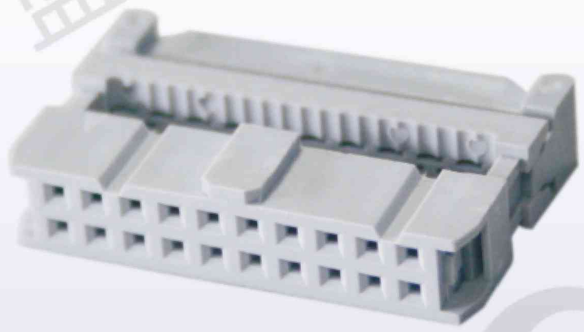


IDC连接器
X805系列

IDC コネクタ
IDC Connector



X805-10



X805-20

* 产品图仅供参考，出货详情以图纸为准
* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | 压针 | 卡线扣 | 信号用

特点 Features

* 耐冲击、震动，可靠性和坚固性；
* 有10P 20P 34P 40P的IDC插头供选择；
* 相应P数的IDC插头可以和MIL连接器的插座配套使用；
* 使用排线进行压接更便捷。

* 耐衝撃性、耐振動性、信頼性と堅牢性を持つ；
* 10P 20P 34P 40PのIDCプラグが選択可能；
* 対応のP数のIDCプラグはMILコネクタのソケットとともに使用されることができる；
* 配線を使用して圧着する場合、より便利である。

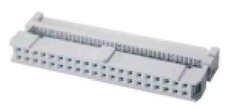
* Impact and vibration resistance, high sturdiness and durability;
* 10P, 20P, 34P and 40P IDC plugs for selection;
* The IDC plugs with the corresponding number of pins can be used withthe sockets for MIL connectors;
* Crimping using winding displacement is more convenient andfaster.

订货范例 Order

X805 — 10

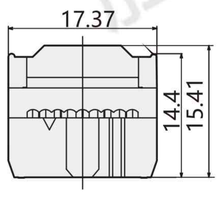
- X805：IDC连接器 IDC Connector
- 10：P数 Number of Pins

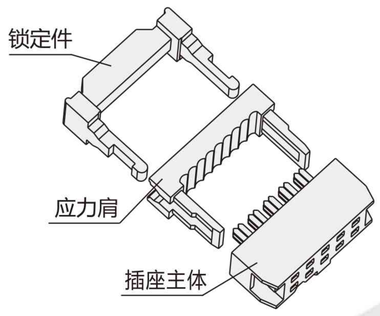
产品属性 Product Attributes

型号 Model	X805			
名称 Name	IDC连接器 IDC Connector			
P数 Pins	10	20	34	40
外观 Appearance				
材质 Material	黑色玻璃填充聚酯 Black Glass Filled Polyester			
易燃性 Inflammability	UL 94V-0			
触点材料 Contact Material	铜合金 Copper Alloy			
接触电阻 Contact Resistance	15mΩmin			
连接方式 Connection Method	压接式			
适用电缆 Suitable Cable	AWG20~28			
触点区域电镀 Contact Area Electroplated	0.76μm锡			
额定电流 Rating Current	2ADC			
额定电压 Rating Voltage	AC 500V			
耐电压 Withstanding Voltage	500VAC 1min			
额定温度 Rating Temperature	-55℃至+85℃			

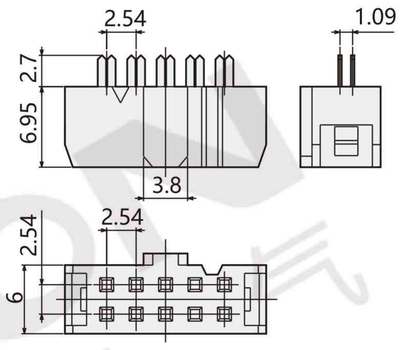
外形图 Outline

IDC连接器 (单位：mm)

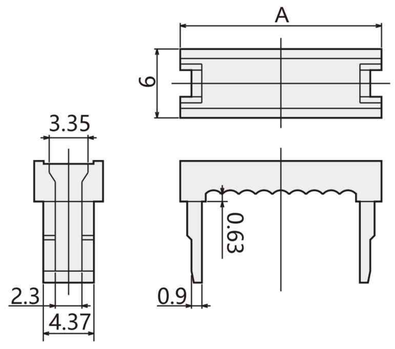




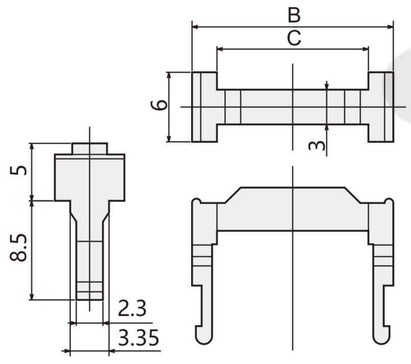
IDC连接器-主体



IDC连接器-应力肩



IDC连接器-锁定件



P数 Pins	A	B	C
10P	17.37		13.07
20P	30		43.6
34P	47.9		51.1
40P	55.4		13.07

分类
Classification

以太网线
Ethernet cable

I/O预铸连接线
I/O cable

相机线
Camera cable

PLC对应电缆线
PLC cable

伺服对应电缆线
Servo cable

各类纯线材
Pure wire

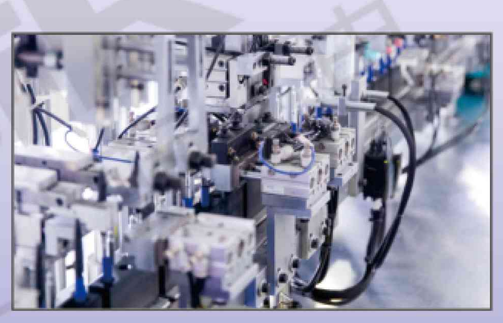
辅助连接器
Connector

FCN连接器
X810系列

FCN コネクタ
FCN Connector







X810-40专利号：201230223185.4

专利 | RoHS | 压针 | 螺丝锁紧 | 信号用

特点 Features

* 40P FCN连接器，黑色塑料式外壳，省空间设计；
* 侧面出线方式，对高度上的空间要求更小；
* 护盖使用M2螺丝固定，保证了对电缆线的压接力；
* 插头与插座的连接为螺丝固定方式，即使在振动场所也能保证其紧密连接，不松动。

＊40P FCNコネクタ、ブラックプラスチックシェル、省スペース設計；
＊側面から線を引き出す方式のため、高さの空間要求がより小さい；
＊カバーはM2ネジで固定され、ケーブルに対する圧着力を保証する；
＊プラグとソケットの間はカード型ロック機構であり、振動な場所でも密接に連絡でき、緩まない。

* 40P FCN connector, black plastic housing, space-saving design;
* Side outlet mode, which requires less space on height;
* The cover is fixed with M2 screws to ensure the pressure relay of the cable;
* The connection between the plug and the socket is fixed by screws, which can ensure the tight connection and no loosening even in the vibration place.

温馨提示 Tip

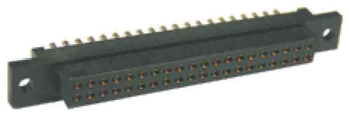
- 连接器各部件单独销售，请按型号分开订购；因厂家不同 尺寸和特性会有差异，使用前请确认。
- The various parts of connectors are sold separately.Please order them separately accordingto the model;The sizes and features vary depending on the manufacturer. Please confirm the sizes and features before use.

订货范例 Order

X810 — 40

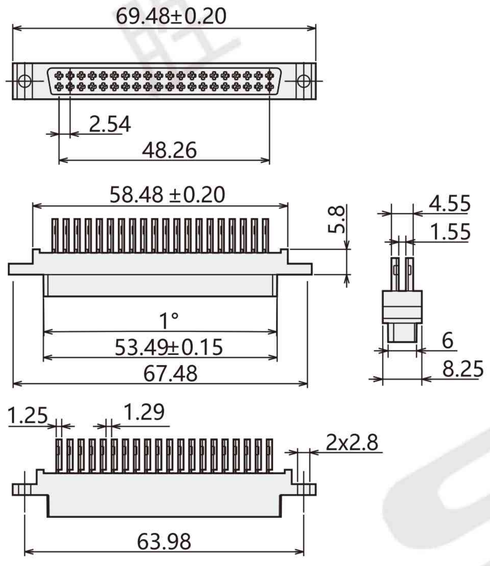
X810：FCN连接器 FCN Connector
40：P数 Number of Pins

产品属性 Product Attributes

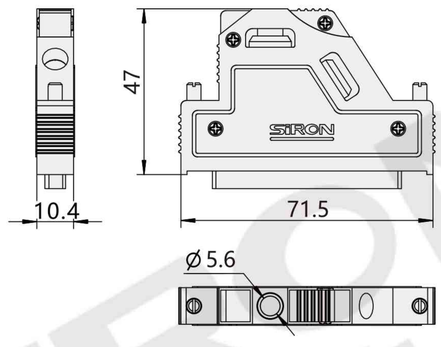
型号 Model	X810	X811
名称 Name	护盖	插头
P数 Pins	40	40
外观 Appearance		
材质 Material	PA66、UL94HB	黑色玻璃填充聚酯 Black Glass Filled Polyester
易燃性 Inflammability	UL 94V-0	UL 94V-0
固定材质 Fixing Material	S45c表面镀镍 S45c surface nickel plated	—
固定螺丝/螺母 Fixing Screw&Nut	M2.6 /M2螺母 M2.6 / M2 Nut	—
护盖螺丝 Screw for Protecting Cover	M2×6	—
触点材料 Contact Material	—	铜合金 Copper Alloy
触点区域电镀 Contact Area Electroplated	—	0.76μm锡
接触电阻 Contact Resistance	—	15mΩmin
连接方式 Connection Method	—	焊接式
额定电流 Rating Current	—	2ADC
绝缘电阻 Insulation Resistance	—	5000MΩ
承受电压 Withstanding Voltage	—	500VAC 1min
额定温度 Rating Temperature	—	-55℃至+85℃
适用电缆 Suitable Cable	—	AWG24~28

外形图 Outline

X811-40



X810-40

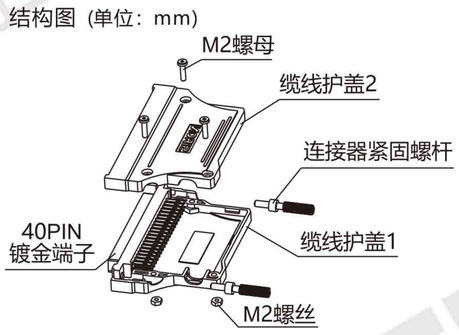


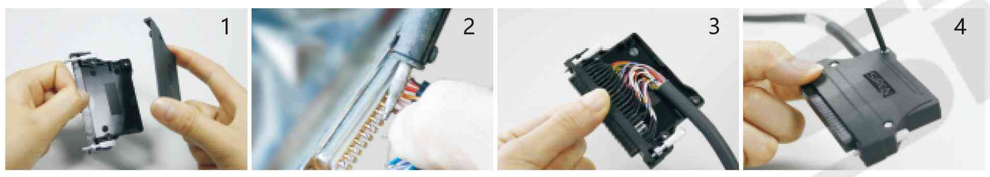
使用方法 Use Method

1.用手将护盖打开；
（注意扒开力度不宜过大，以免损坏护盖扣件）
2.电烙铁将芯线和插头针角进行焊接；
3.将焊接好的缆线放入护盖内；
4.盖上上盖，将螺丝锁紧；

1. Open the protecting cover manually;
(Please note that the opening force should not be too big to avoid damaging the fastener for protecting cover.)
2. Weld the core wire and the plug pin with an electric iron;
3. Put the welded cable into the protecting cover;
4. Replace the top cover and tighten the screws.

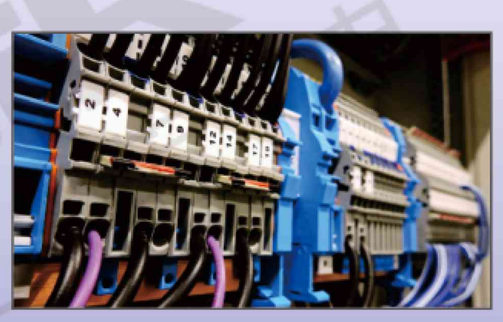
结构图（单位：mm）





D-sub连接器
X820系列

D-subコネクタ
D-sub Connector





X820-9



X820-15（3）



X820-15



X820-25

X820-9专利号：201230201023.0
X820-15专利号：201230276360.6
X820-25专利号：201230201024.5

专利 | RoHS | 镀金 | 信号用 | 螺丝锁紧 | EMI对应

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing

特点 Features

* 对应EMI的D-sub连接器；
* 针脚侧接触面设计为凹横加工。环保等级符合欧美标准；
* 防火等级为UL94V-0；
* 标配插头外壳，整体颜色协调、美观；
* 侧面出线方式，对高度上的空间要求更小。

＊EMIに対応するD-subコネクタ；
＊ピン側接触面の設計が凹面横方向加工である，環境保護レベルが欧米基準に該当する；
＊防火レベルがUL94V-0；
＊標準プラグシェル、全体の色は調和がとれて美しい；
＊側面から線を引き出す方式のため、高さの空間要求がより小さい。

* D-sub Connector corresponding to EMI;
* The side contact surface of the pin is designed for concave transverse processing. The Environmental Protection Class meets European and US standards;
* Fireproofing Grade: UL94V-0;
* Plug shell as a standard accessory, with overall harmonious and beautiful color;
* Side coil out, with lower spatial requirement in respect of height.

温馨提示 Tip

- 连接器各部件单独销售，请按型号分开订购；因厂家不同 尺寸和特性会有差异，使用前请确认。
- The various parts of connectors are sold separately.Please order them separately accordingto the model;The sizes and features vary depending on the manufacturer. Please confirm the sizes and features before use.

订货范例 Order

X820 — 9

X820：D-sub连接器 D-sub Connector
9：P数 Number of Pins

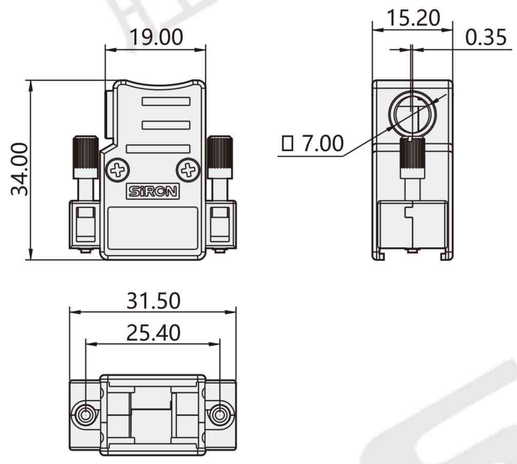
产品属性 Product Attributes

型号 Model	X820		
名称 Name	护盖 Protecting Cover		
P数 Pins	9	15	25
外观 Appearance			
材质/颜色 Material & Color	PA66、UL94HB 黑色 Black		
易燃性 Inflammability	UL 94V-0		
固定材质 Fixing Material	S45c表面镀镍 S45c surface nickel plated		
固定螺丝 Fixing Screw	M2.8		
护盖螺丝 Screw for Protecting Cover	平头M2x15 Flathead M2x15		
护盖螺母 Fixing Nut	六角M2螺母 M2 Nut		

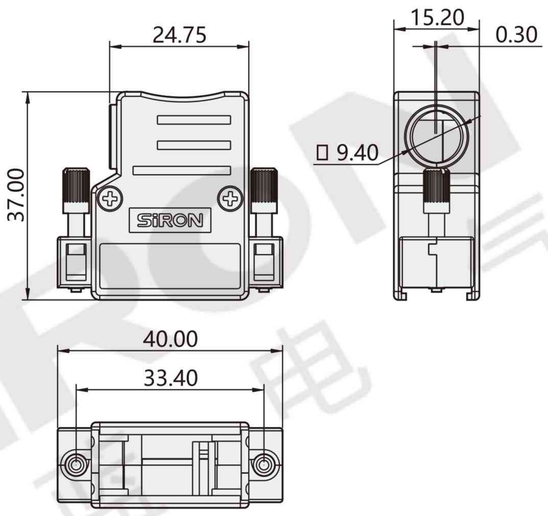
型号 Model	X821			X822		
名称 Name	插孔头（机加工端子型） Jack Head (machining Terminal Type)			插针头（机加工端子型） Jack Head (machining Terminal Type)		
P数 Pins	9	15	25	9	15	25
外观 Appearance						
额定电压 Rating Voltage	500AC					
额定电流 Rating Current	5A					
接触电阻 Contact Resistance	30mΩ min					
绝缘电阻 Insulation Resistance	500mΩ					
耐电压值 Withstanding Voltage	500V AC					
温度范围 Temperature range	-50℃~105℃					

外形图 Outline

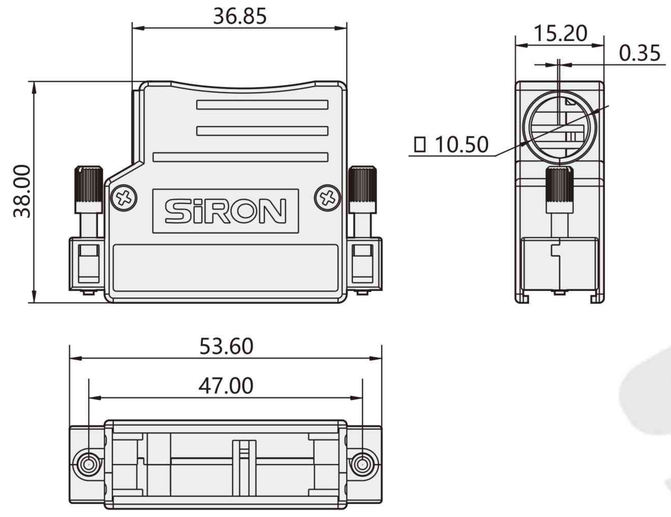
X820-9



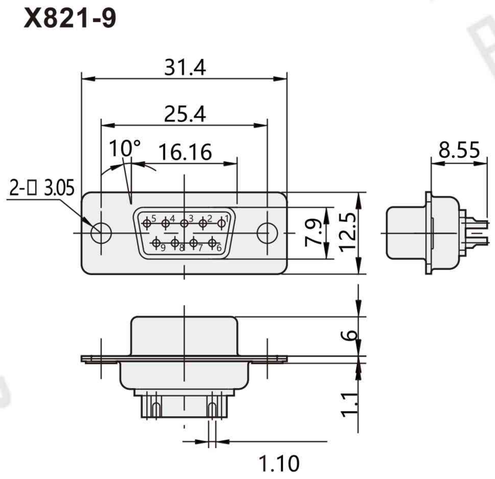
X820-15



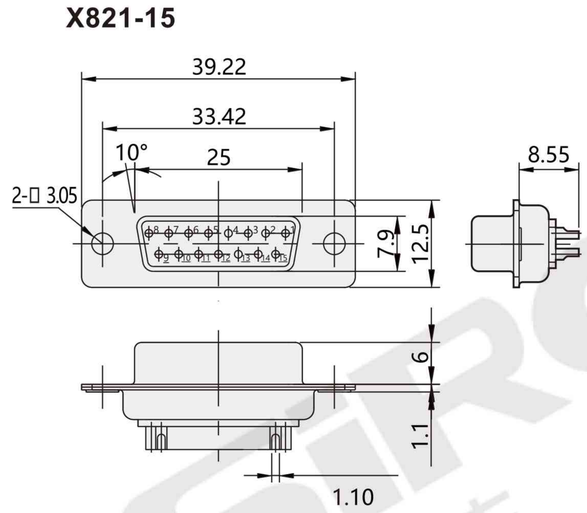
X820-25



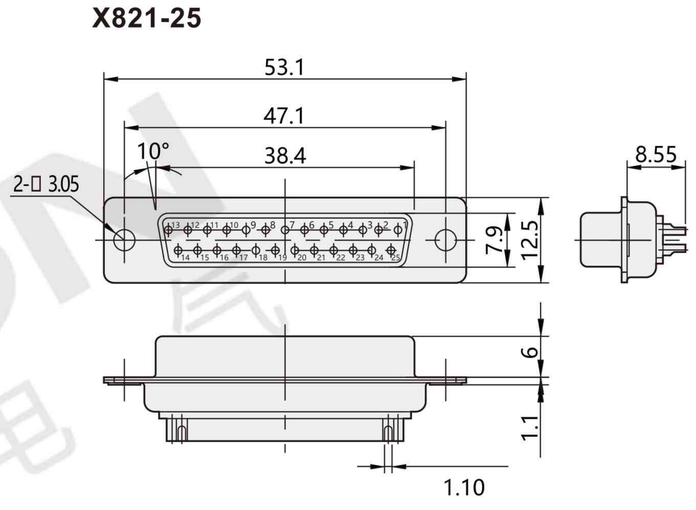
X821-9



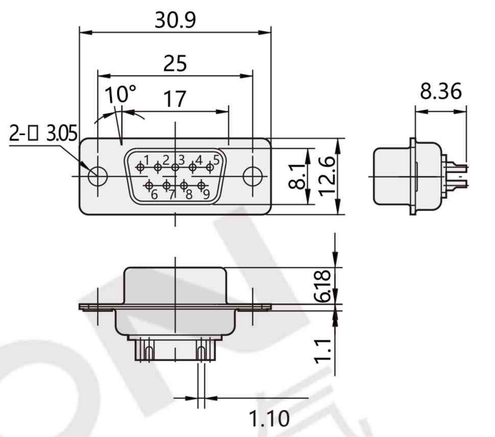
X821-15



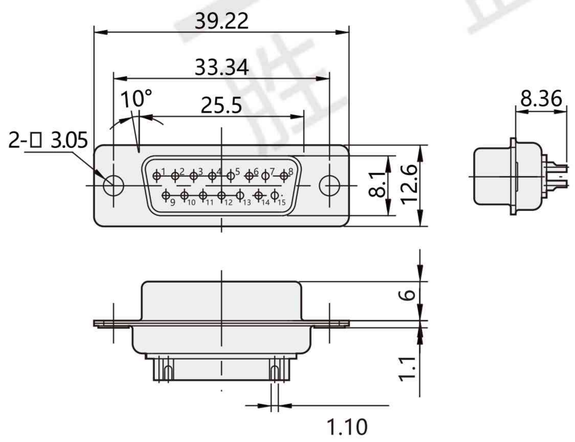
X821-25



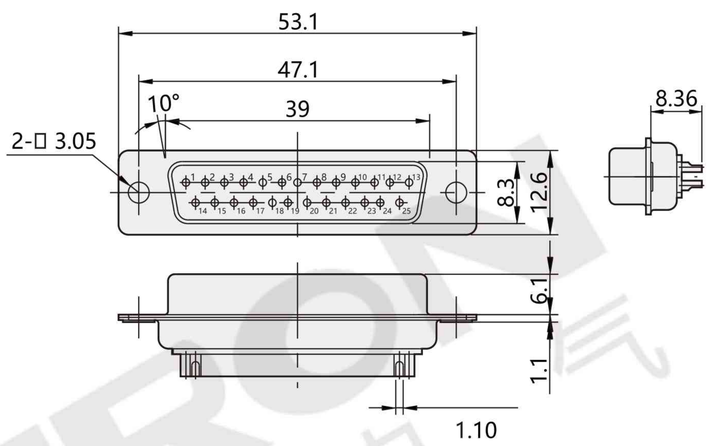
X822-9



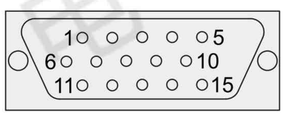
X822-15



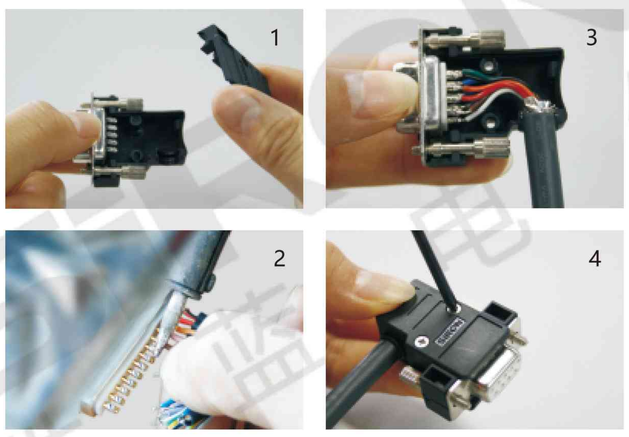
X822-25



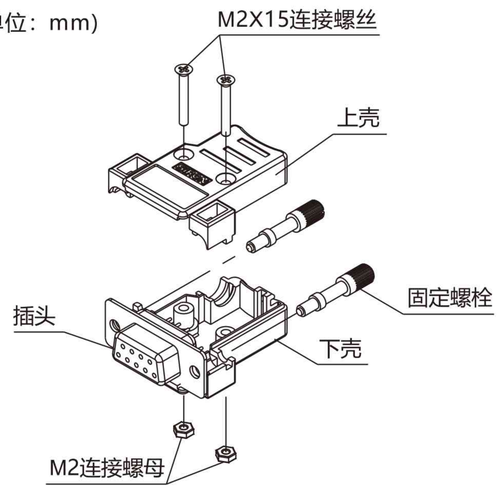
X820-15（3）



使用方法 Use Method



结构图 （单位：mm）



1.用手将护盖打开；
（注意扒开力度不宜过大，以免损坏护盖扣件）
2.电烙铁将芯线和插头针角进行焊接；
3.将焊接好的缆线放入护盖内；
4.盖上上盖，将螺丝锁紧；

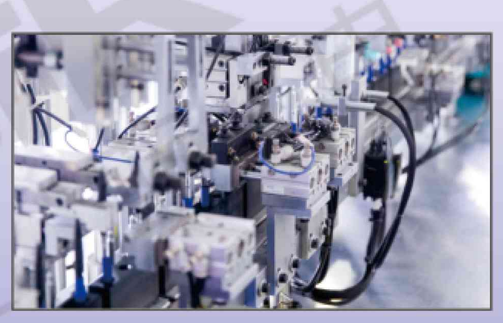
1. Open the protecting cover manually;
(Please note that the opening force should not be too big to avoid damaging the fastener for protecting cover.)
2. Weld the core wire and the plug pin with an electric iron;
3. Put the welded cable into the protecting cover;
4. Replace the top cover and tighten the screws.

IEEE1284 MDR连接器
X833系列

IEEE1284MDRコネクタ
IEEE1284MDR connector

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing





X833-14



X833-20



X833-26



X833-50

专利 | RoHS | 镀金 | 信号用 | 螺丝锁紧 | EMI对应

特点 Features

*** 小型、灵巧的产品设计，EM/ESD对策；**
*** 护盖使用M2螺丝固定，保证了对电缆线的压接力；**
*** 插头与插座的连接为螺丝固定方式，即使在振动场所也能保证其紧密连接，不松动。**

* 小型でスマートな製品設計、EM/ESD対策；
* カバーはM2ネジで固定され、ケーブルに対する圧着力を保証する；
* プラグとソケットの接続はネジで固定されるので、振動な場所でも密接に連絡でき、緩まない。

* Mini, skillful product design, EM/ESD countermeasure;
* The protecting cover is fixed with M2 screws to ensure crimping force to cables;
* The connection between the plug and the socket with screws ensures tight contact even in vibration.

温馨提示 Tip

- 连接器各部件单独销售，请按型号分开订购；因厂家不同 尺寸和特性会有差异，使用前请确认。
- The various parts of connectors are sold separately.Please order them separately accordingto the model;The sizes and features vary depending on the manufacturer. Please confirm the sizes and features before use.

订货范例 Order

X833 — 14

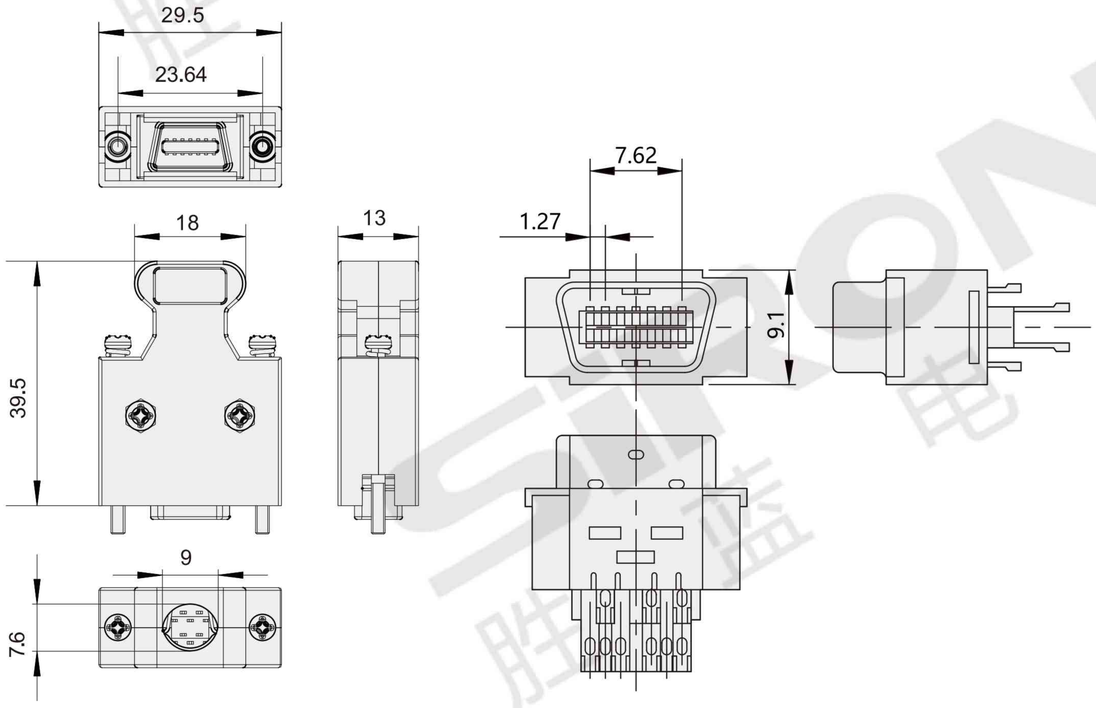
- X833：IEEE1284 MDR连接器 IEEE1284 MDR connector
- 14：P数 Number of Pins

产品属性 Product Attributes

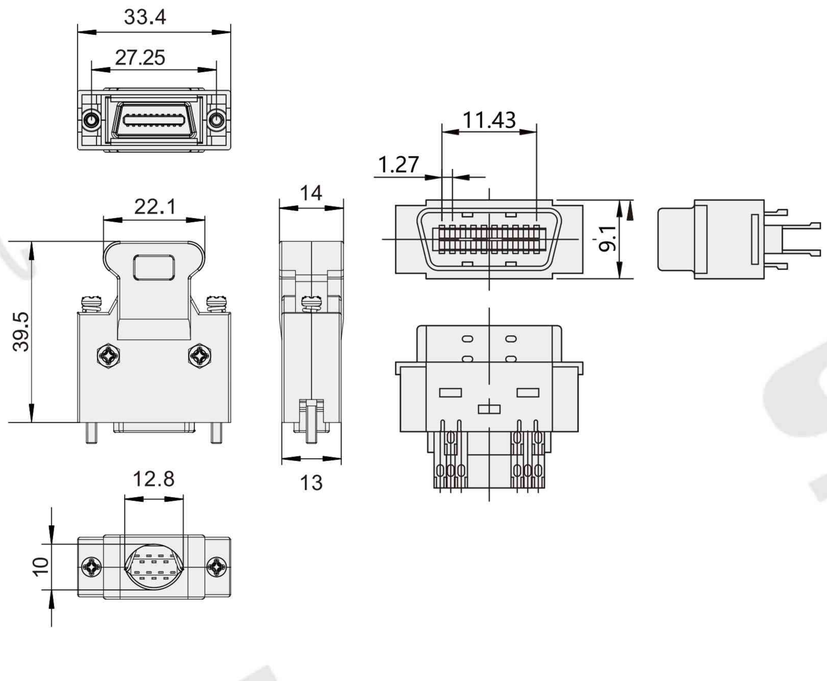
型号 Model	X833系列					
名称 Name	IEEE1284 MDR连接器					
P数 Pins	14	20	26	36	50	
外观 Appearance						
外壳材质/颜色 Material & Color	PA66、UL94HB 黑色 Black					
易燃性 Inflammability	UL 94V-0					
螺丝材质 Screw Material	S45c表面镀镍 S45c surface nickel plated					
固定螺丝 Fixing Screw	M2.7					
护盖螺丝 for Protecting Cover Screw	凸头M2x10 Raised Head M2x10					
护盖螺母 Fixing Nut	六角M2螺母 Hex M2 Nut					
压线螺丝 Wire Pressing Screw	凸头M2.3x5 Raised Head M2x10					
	插头参数					
插头材质 Material	钢镀镍 Nickel Plated Steel					
绝缘体（内部） Insulator (inside)	黑色玻璃填充聚酯 Black Glass Filled Polyester					
易燃性 Inflammability	UL 94V-0					
触点材料 Contact Material	铜合金 Copper Alloy　触点采用实心棒材机加工成形 Contact machined with the solid bar mill					
触点区域电镀 Contact Area Electroplated	0.7μm金，0.76μm镍					
嵌入压力 Embedment Pressure	4.3Kgmax					
连接方式 Connection Method	焊接式 Welded Type					
额定电流 Rating Current	1A					
绝缘电阻 Insulation Resistance	5X108 Ω 500VDC					
承受电压 Withstanding Voltage	500KV/1分钟					
额定温度 Rating Temperature	-20℃至+85℃					
适用电缆 Suitable Cable	AWG20~28					
拔出压力 Extraction Pressure	0.5Kgmin					

外形图 Outline

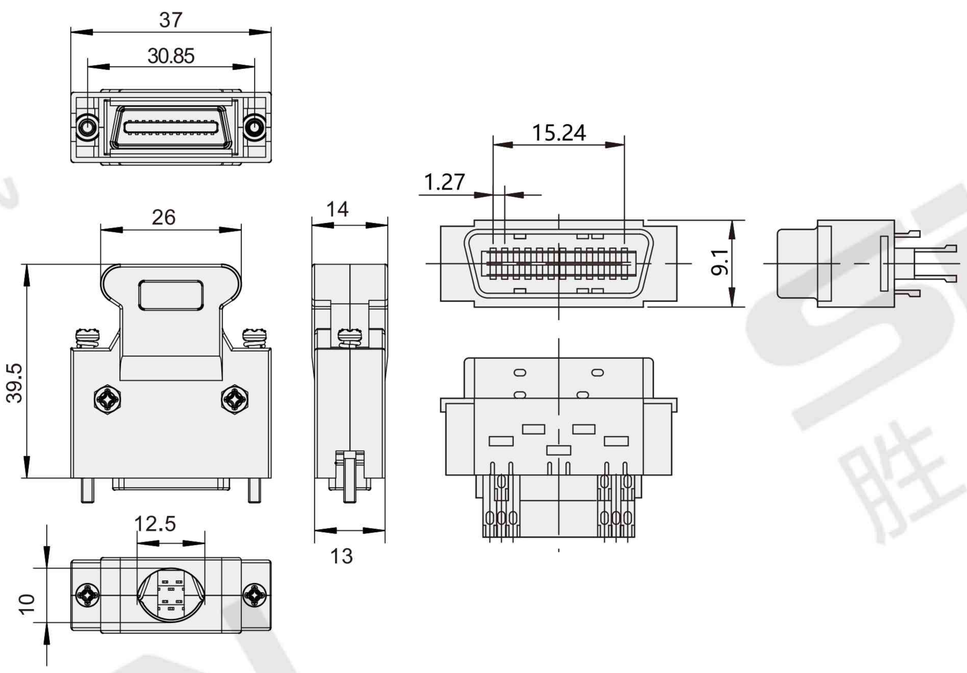
X833-14



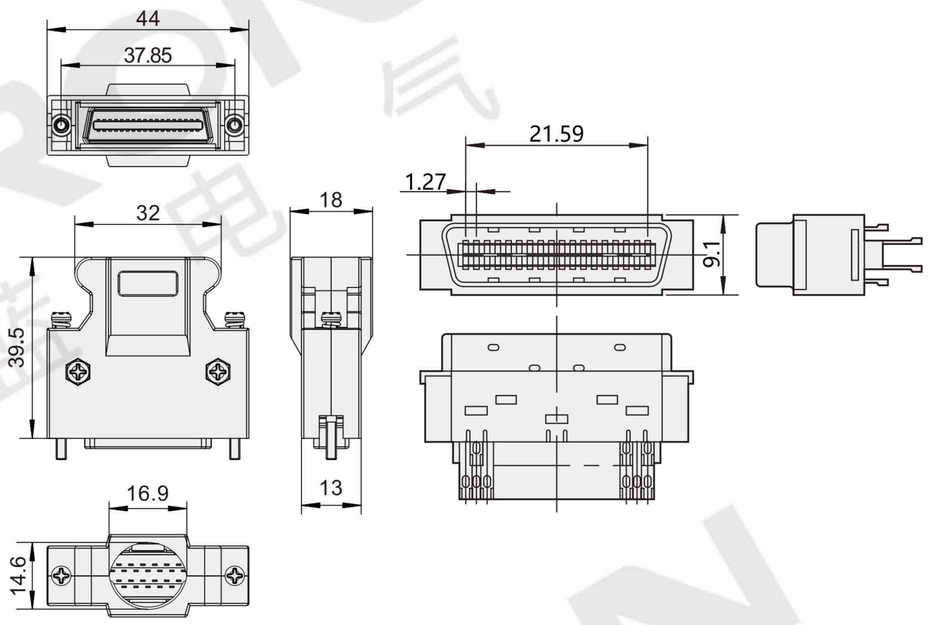
X833-20



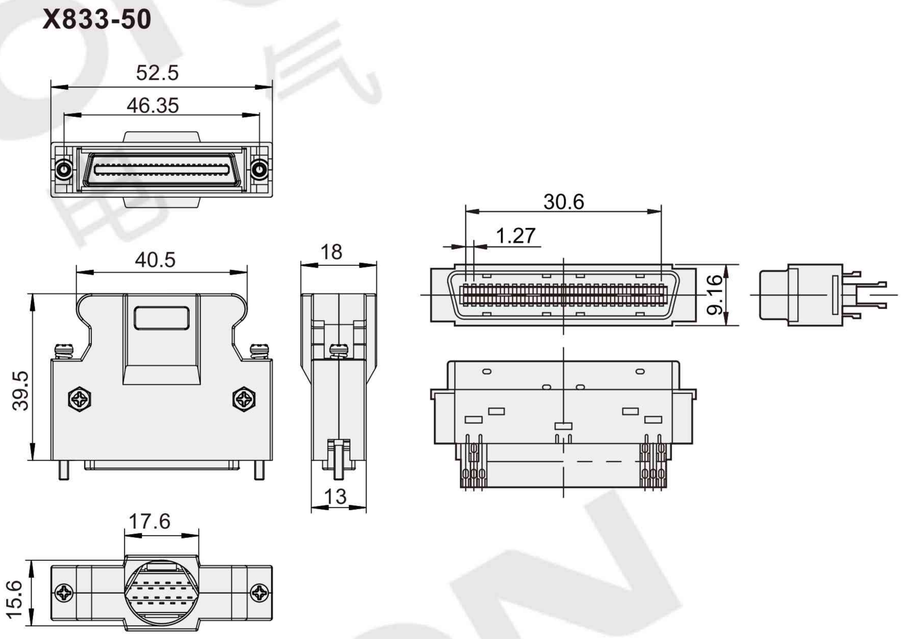
X833-26



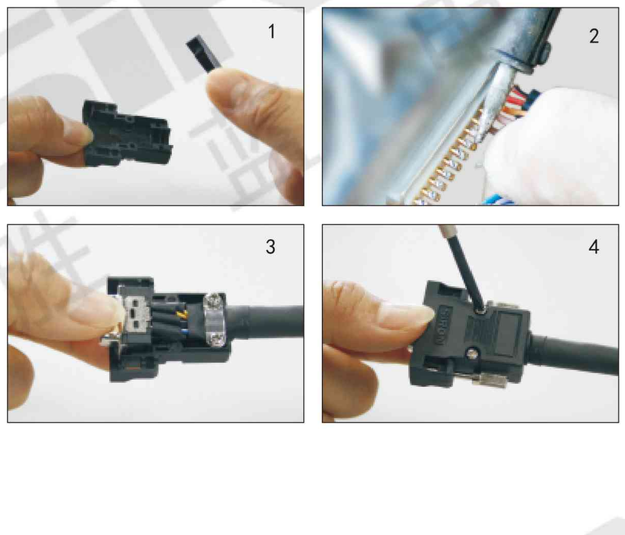
X833-36



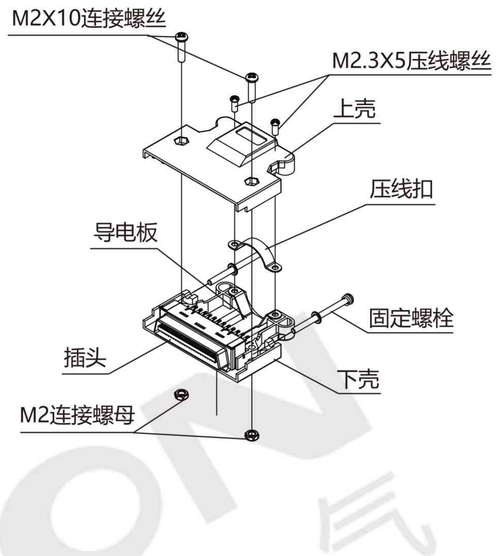
X833-50



使用方法 Use Method



结构图（单位：mm）



1.用手将护盖打开；
（注意扒开力度不宜过大，以免损坏护盖扣件）
2.使用专用工具将插针压到导线上；
3.将压好的缆线放入护盖内；
4.盖上上盖，将螺丝锁紧；

1. Open the protecting cover manually;
(Please note that the opening force should not be too big to avoid damaging the fastener for protecting cover.)
2. Press the pin to the cable with a special tool;
3. Put the pressed cable into the protecting cover;
4. Replace the top cover and tighten the screws.

汇川模块连接器
X850系列

彙川モジュールコネクタです
Inovance module connector



X850-1



X850-2

NEW



RoHS 压针 卡线扣 信号用

特点 Features

* 耐冲击、震动，可靠性和坚固性；
* 有36P 18P的插头供选择；
* 相应P数的插头可以和MIL连接器的插座配套使用；
* 36P用压线方式，18P用焊线方式连接；
* 36P出线口设有尾卡，供0.1平方线缆使用；18P供0.2平方线缆使用。

* 耐衝撃性、耐振動性、信頼性と堅牢性を持つ;
* 選択のための36Pおよび18Pプラグがあります;
* 対応するP数のプラグは、MILコネクタのソケットで使用できます;
* 36Pは圧着方式で接続され、18Pはワイヤーボンディングで接続されます;
* 36Pコンセントには0.1角ケーブル用、0.2角ケーブルには18Pが使用されています。

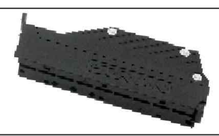
* Impact and vibration resistance, high sturdiness and durability;
* There are 36P 18P plugs for option;
* The corresponding P number of plugs can be used with the socket of the MIL connector;
* 36P is connected by crimping method, 18P is connected by wire bonding;
* The 36P outlet is equipped with a tail card for 0.1 square cable, and 18P is used for 0.2 square cable.

订货范例 Order

X850 — 1

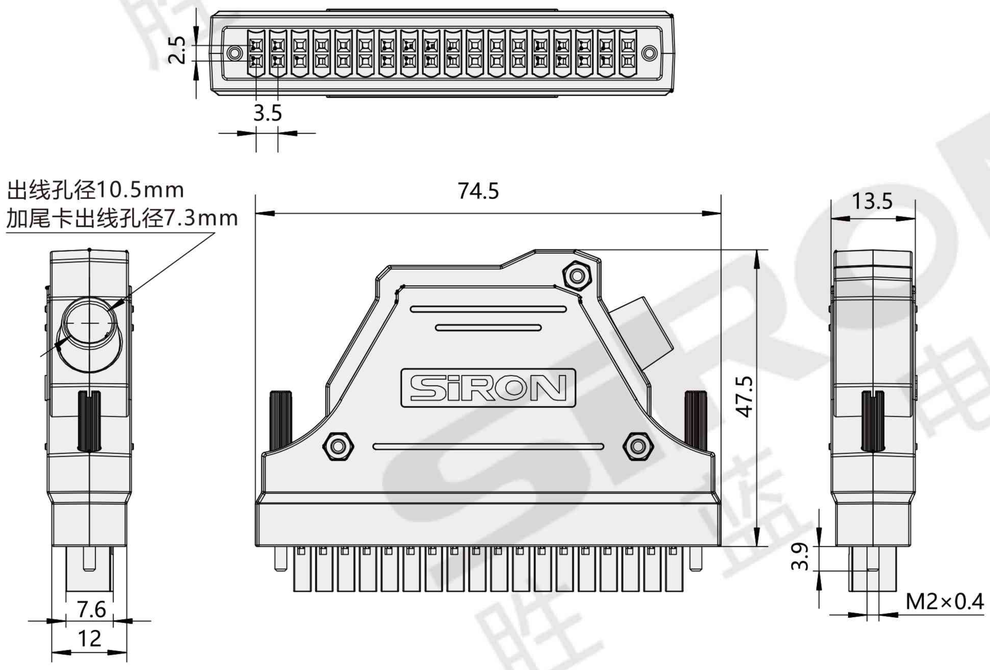
- X850：汇川模块连接器 Inovance module connector
- 1：序列 Sequence

产品属性 Product Attributes

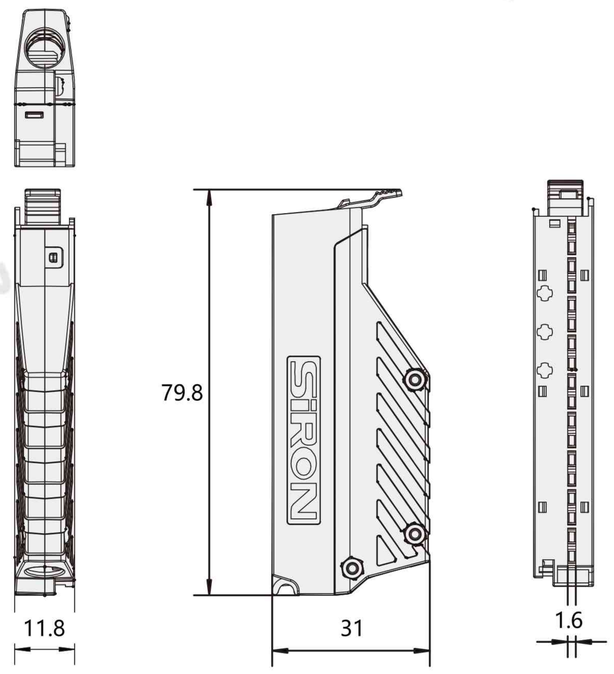
型号 Model	X850-1	X850-2
名称 Name	护盖	护盖
P数 Pins	36	18
外观 Appearance		
材质 Material	PA66、UL94HB	PA66
易燃性 Inflammability	UL 94V-0	UL 94V-0
固定材质 Fixing Material	S45c表面镀镍 S45c surface nickel plated	S45c表面镀镍 S45c surface nickel plated
固定螺丝/螺母 Fixing Screw&Nut	M2.6 /M2螺母 M2.6 / M2 Nut	无
护盖螺丝 Screw for Protecting Cover	M2×0.4	M2×0.4

外形图 Outline

X850-1



X850-2

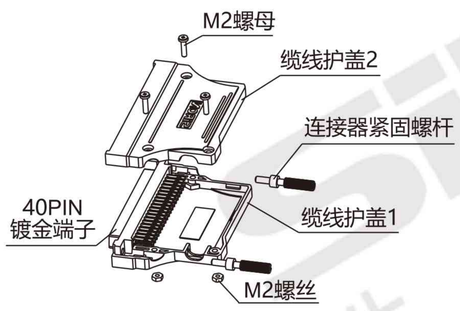


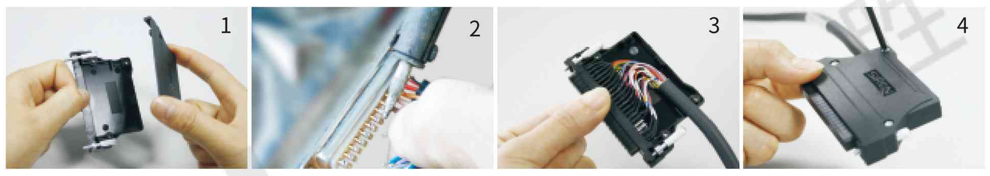
使用方法 Use Method

1.用手将护盖打开；
（注意扒开力度不宜过大，以免损坏护盖扣件）
2.电烙铁将芯线和插头针角进行焊接；
3.将焊接好的缆线放入护盖内；
4.盖上上盖，将螺丝锁紧；

1. Open the protecting cover manually;
(Please note that the opening force should not be too big to avoid damaging the fastener for protecting cover.)
2. Weld the core wire and the plug pin with an electric iron;
3. Put the welded cable into the protecting cover;
4. Replace the top cover and tighten the screws.

结构图（单位：mm）





产品综合目录手册》



《电气产品索引》



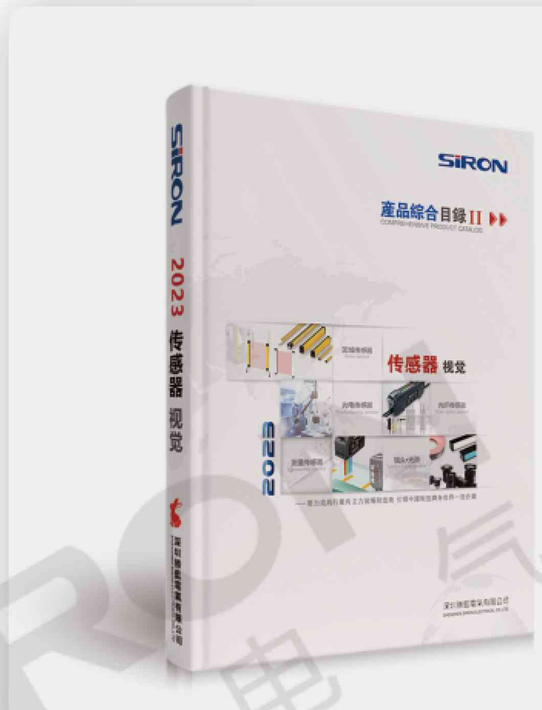
《标准化布线系统》



《工业总线系列》



《工业照明系列》



《传感器·视觉》



《直线运动系列》



《运动控制系列》

待续...

关于保修

1. 保修对象

以下规定的保修，适用于本公司生产制造、销售的产品（以下称保修对象）。

2. 保修期限

产品的保修期为出货到贵司指定场所后的1年间。（继电器相关产品除外）。

3. 保修范围

1）在上述保修期限内，由于本公司的责任造成的故障时，免费提供替代品进行更换或免费进行修理。但即使是在保修期限内，符合下列描述的故障时将视为保证对象以外。　另外，进行替代品的更换或修理时，保修期限的起始日期为产品采购日期。

① 使用说明书、其它途径提供的仕样品等记载以外的由于不适当的条件、环境、安装、使用方法引起的故障。
② 客户的装配或软件的设计内容等保修对象以外原因引起的故障。
③ 在本公司以外进行改造、修理引起的故障。
④ 使用说明书等所记载的消耗部品保管不当、确认为防止更换引起的故障。
⑤ 以本公司产品出货时的科学、技术水准，不可预见的原因产生的故障。
⑥ 其它火灾、地震、水灾等的灾害以及电压异常等非我司责任以外、外部原因引起的故障。

2）保修范围以上述第一项内容为准，保修产品故障引起的客户方的二次损害（装配损伤、机会遗失、利益损失）以及其它损害为保修对象以外内容。

4. 适用用途

我司产品广泛应用于一般工业的设计、制造。因此，不适用于以下用途的使用。但事前与我司商量，在确认客户产品的仕样的情况下，明确额定、性能，协商好必要的安全对策时可适用。另外，此时的保修范围也如上所述。

① 原子力发电、航空、铁路、船舶、车辆、医疗器械等可能给人命及财产带来很大影响的设备。
② 电气、煤气、下水道等的公共设施。
③ 在室外使用以及以此基准使用说明书等规定以外的条件、环境下的使用。
④ 上述①和②为基准，安全相关需要高度考虑和注意的用途。

本目录记载的内容的著作权当我司所有，拒绝转载、复制。
型式、仕样、其它的记载内容可能不进行预告直接变更，请提前知悉。
本书记载的内容是根据2014年产品目录的情报进行编写。

版权所有
仿冒必究
2014Z11S032987

保証について

1.対象製品

以下に規定する保証は、当社が製造・販売する製品（以下「対象製品」という）に適用します。

2.保証期間

対象製品の保証期間は、貴社のご指定場所にご納入後1年間とします。リレー関する製品は除外します。

3.保証範囲

｣ｲ1｣ｳ上記保証期間内に当社の責任による故障が発生した場合は、無償での代替品との交換または修理をさせていただきます。ただし、保証期間内であっても、次に該当するの場合は保証対象外とさせていただきます。なお、代替品との交換または修理と行った場合でも保証期間の起算日は対象製品の当初ご納入日とさせていただきます。

①取扱説明書、別途取り交わした仕様書などに記載された以外の不適当な条件・環境・取り扱い・使用方法に起因した故障。
②お客様の装置または、ソフトウェアの設計内容など、対象製品以外に起因した故障。
③当社以外による改造、修理に起因した故障。
④取扱説明書に記載している消耗部品が正しい保守、交換されていれば、防止できたと確認できる故障。
⑤当社出荷時の科学・技術水準では、予見が不可能だった事由による故障。
⑥その他、火災、地震、水害などの災害及び電圧異常など当社の責任ではない外部要因による故障。

｣ｲ2｣ｳ保証範囲は下記（1）を限度とし、対象製品の故障に起因するご客様での二次損害（装置の損傷、機会損失、逸失利益等）及びいかなる損害も保証の対象外とさせていただきます。

4.適用用途

当社の製品は一般工業向けの汎用品として設計・製造されております。
従いまして、上記のような用途での使用は意図しておりませんので適用外とさせていただきます。た
だし、事前に当社までにご相談いただき、お客様の責任において製品の仕様をご確認の上、定格・性能に対してご了承いただき、必要な安全対策と講じていただく場合は適用可能とさせていただきます。
なお、この場合においても保証範囲は上記と同様といたします。

①原子力発電、航空、鉄道、船舶、車両、医療機器などの人命や財産に多大な影響が予想される設備。
②電気、ガス、水道などの公共設備。
③屋外での使用および、それに準ずる取扱説明書などで規定していない条件・環境での使用。
④上記①及び②に準じる安全に関して高度な配慮と注意が要求される用途。

このカタログの収録内容はすべて当社に著作権があります。無断転載・複製はかたくお断りします。
形式・仕様・その他の記載内容について予告なく変更する場合がありますので、あらかじめご了承ください。

About Warranty

1.Warranty Objects

The following provisions of the warranty applicable to the Company manufacturing and sales of products (hereinafter referred to as warranty objects).

2.Warranty Time

The period for protecting to fix our products is one year.(From the day when shipped to the designed areas of your company).And the products except relay and related products.

3.Warranty Coverage

1) In the above warranty period, if there is any breakdown which caused by us, our campany will be responsible for giving free maintain.Free maintain won't be given under the following circumstance even during the warranty period.In addition,the warranty start date is from the day when you purchase the products.

①The breakdown caused by the manipulation that hasn't follow the requests as inappropriate condition, environment,fixing or the usage.
②The breakdown caused by other outside warranty object which assembly or software design by your own.
③The breakdown caused by customer maintain and fixing out of our company.
④The breakdown caused by the inappropriate preservation of the expendable parts.
⑤The breakdown caused by something unforseeable reasons when our company shipped.
⑥The breakdown caused by the exterior factors such as fires, earthquakes, floods and other abnormal voltage which not our responsibility

2) The warranty scope to the first item shall prevail, guarantee product fault from the client secondary damage (assembly damage, opportunity lost, lost profits) and other damage is outside the warranty.

Our products are widely used in general industrial design, manufacture. So, not for the following purposes.However, if you prior to our negotiations, confirmed the customer product samples, clear rated performance, and consultation with the necessary safety .

4.Suitable Use

①It may have significant impact to life and property of the equipment which atomic power generation, aviation, railways, ships, vehicles, medical equipment.
②The public facilities of electric, gas, sewer.
③It is used in the outdoor or under instructions other than those specified conditions, environments.
④Please be careful for the a and b.

All rights reserved No reproduction or republication without written permission.
The model,specification and other description of products can be modified without separate notification.

SiRON Group
江藍機器集團

深圳勝藍電氣有限公司
SHENZHEN SIRON ELECTRICAL CO., LTD
電話：0755－88860059
傳真：0755－86656449
或者电邮:
或いは電子メール:
Or E-mail:
sales@szsiron.com



本目次全ての製品
All products under this category
二周出荷
Shipment will be done within two weeks



配线知識、操作方法
Wiring knowledge, operating instructions
全面教育
All-round training



辅助设计服务
DesignServing
支援設計サービス
Calibration service



担当窓口、迅速対応
One-to-one service, quick matching
アフターサービス
After-sales service

有关技术问题的任何疑问请致电销售中心
技術についてのご質問は営業部にご連絡ください
If you have any electric wiring question,please contact our sales dept
公司最新产品情报动态
当社最新製品情報
Latest product information
www.szsiron.com.cn
www.sironsz.com

深圳销售总部
TEL : 0755-8886 0059　　FAX : 0755-8665 6449
ADD：深圳市宝安区福海街道展城社区重庆路富尔达工业区3号办公楼（美生云谷-越云谷）

上海办事处
TEL : 187-1886 7191
ADD：上海市闵行区浦江镇江月路1388号伍信禾风广场2楼601单元

天津办事处
TEL : 187-1886 7206
ADD：天津市河东区津滨大道星品大厦1-1-1706

苏州办事处
TEL : 153-3878 1137
ADD：江苏省苏州市相城区元和街道云泉街15号元禾鑫亿B座422室

昆山办事处
TEL : 181-1262 6769
ADD：苏州市吴中区甪直镇龚塘路888号1号楼1005室
广达(用直)节能环保产业园

宁波办事处
TEL : 136-2232 6523
ADD：浙江省宁波市鄞州区首南街道泰安中路456号盈升大厦323室

惠州办事处
TEL : 187-1886 7204
ADD：惠州市仲恺区仲恺大道478号-恒裕大厦B座19楼1911室

越南营业所 (Vietnam Sales Office)
TEL : +84 352-757-255
ADD：Thuong Thanh, Long Bien, Hanoi Vietname

新加坡代理店 (TRU Technologies (Singapore) Pte. Ltd.)
TEL : +65.6659.2866　　FAX : +65.6265.9800
ADD：81 Tagore Lane TAG.A #03-12 Singapore 787502

韩国代理店 (SolluzFA)
TEL : +82 31 299 2817
ADD：510~511-Ho, C-Dong, 357, Guseong-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

泰国代理店 (SPS INTERTECHNOLOGY Co.,Ltd.)
TEL : 02-741 6466
ADD：235/5 Soi Sukhumvit 56 Bangchak Phrakhanong Bangkok 10260

马来西亚代理店 (Asem Technology Sdn. Bhd.)
TEL : +60 11-1069 1728
ADD：No 7, Hala Rapat Baru 23, Kawasan Industri Ringan Kinta Jaya, 31350 Ipoh, Perak Malaysia

湖北制造工厂
TEL : 0717-3410 999　　FAX : 0717-3420 999
ADD：湖北省当阳市环城南路85号

掃描商城，
了解更多！
Scan the mall, understand more!

最新資訊，
關注公衆號！
Latest News. attention public number!