



线槽 | 智能照明灯 | 冷压端子 | 端子台 | 导轨 | 管件接头 | 地零排 | 绝缘母线夹 | 拖链 | 结束带
编织网管 | 热缩管 | Pu气管 | 扣件保护 | 标识类 | 航空插头 | 重载连接器 | 工具系列 | 风机系列

Wenbuluo

江苏稳不落配线器材有限公司
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航空插头系列

世界级安全配电器材全品类引领者

Wenbuluo

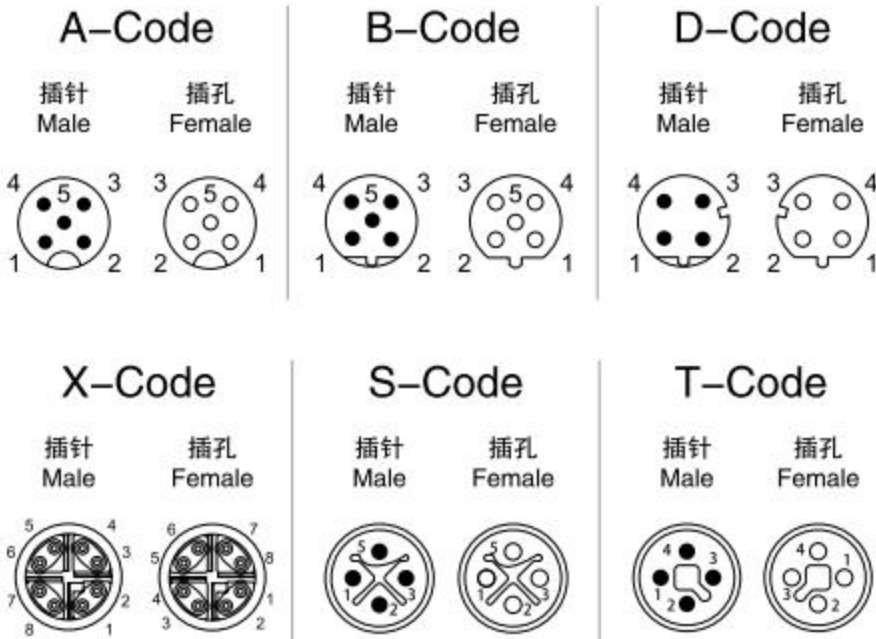
2025 V.9.0



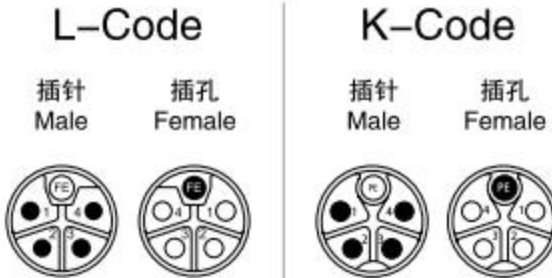
200+权威认证筑就品质长城
ISO9001质量管理体系 | 高新技术认证 | CE/UL/ROHS国际认证矩阵

P-01 M12 插头编码定义 Plug Code definition

M12 插头编码定义 Plug Code definition



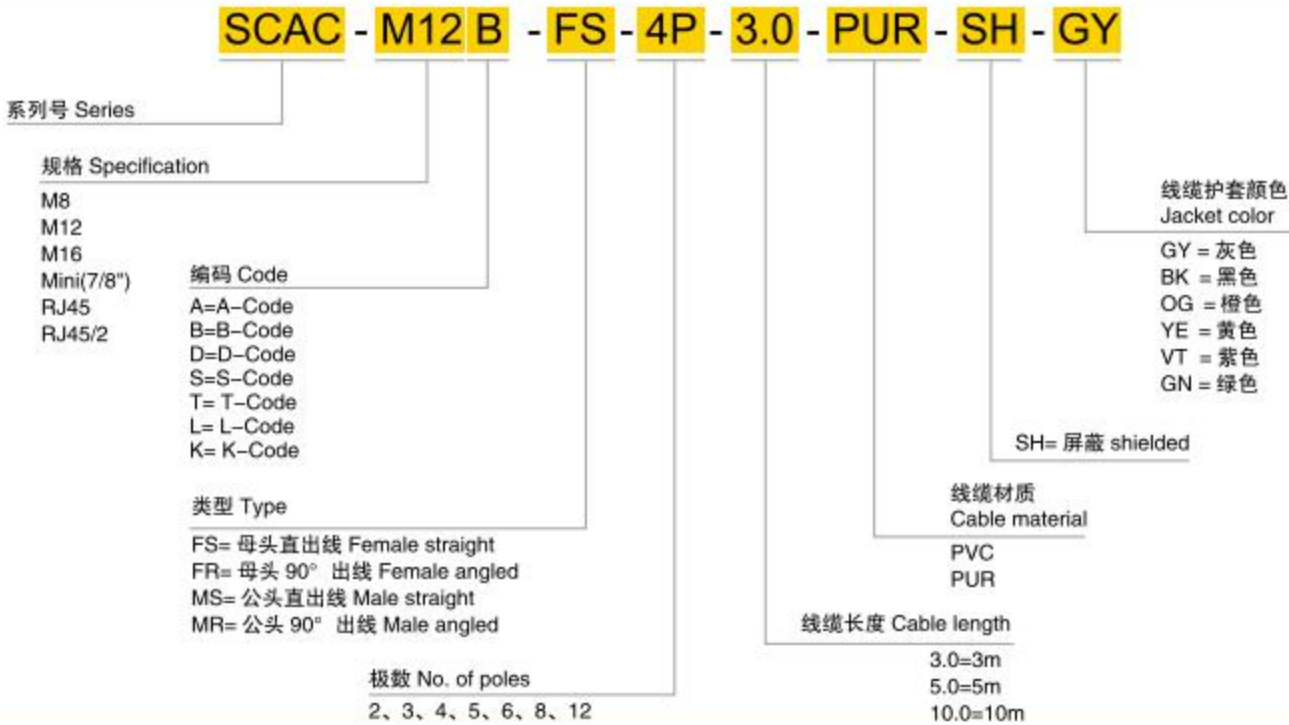
M12 插头编码定义 Plug Code definition



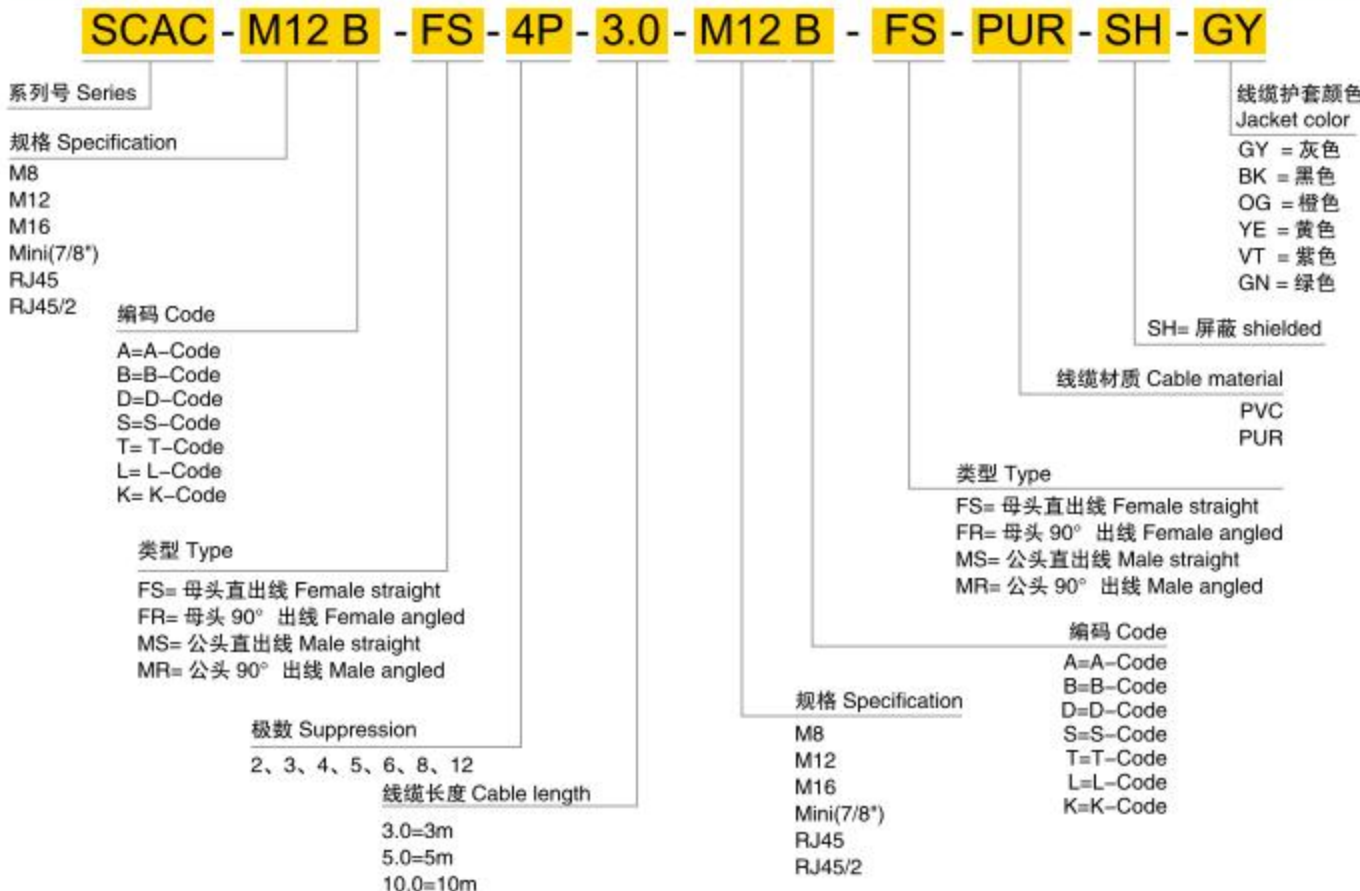
我们能根据您的实际需求定制电缆长度，如：您需要 0.5m，1.8m 或者 2.5m 的长度，可在型号最后一部分写进相应的电缆长度，单位：cm
The resulting article number also is the ordering number for your round plug connector. If you also need 0.5 m, 1.8 m or 2.5 m length of this part you just adjust the last 4 digits of the article number. Unit:cm

P-01 连接器定义形式 CONNECTOR DEFINITION FORM

单端预铸线束规格定义 With open ended wires



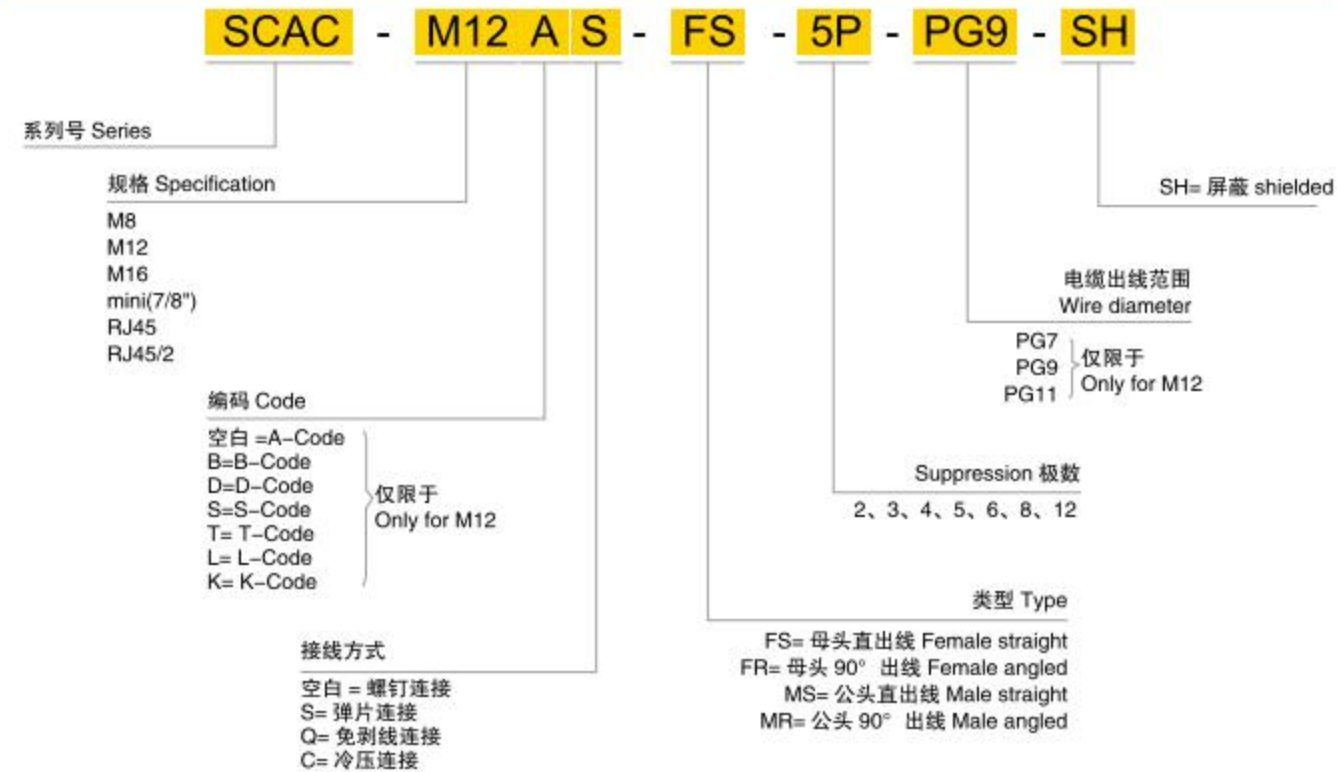
双端预铸线束规格定义 Connection cable



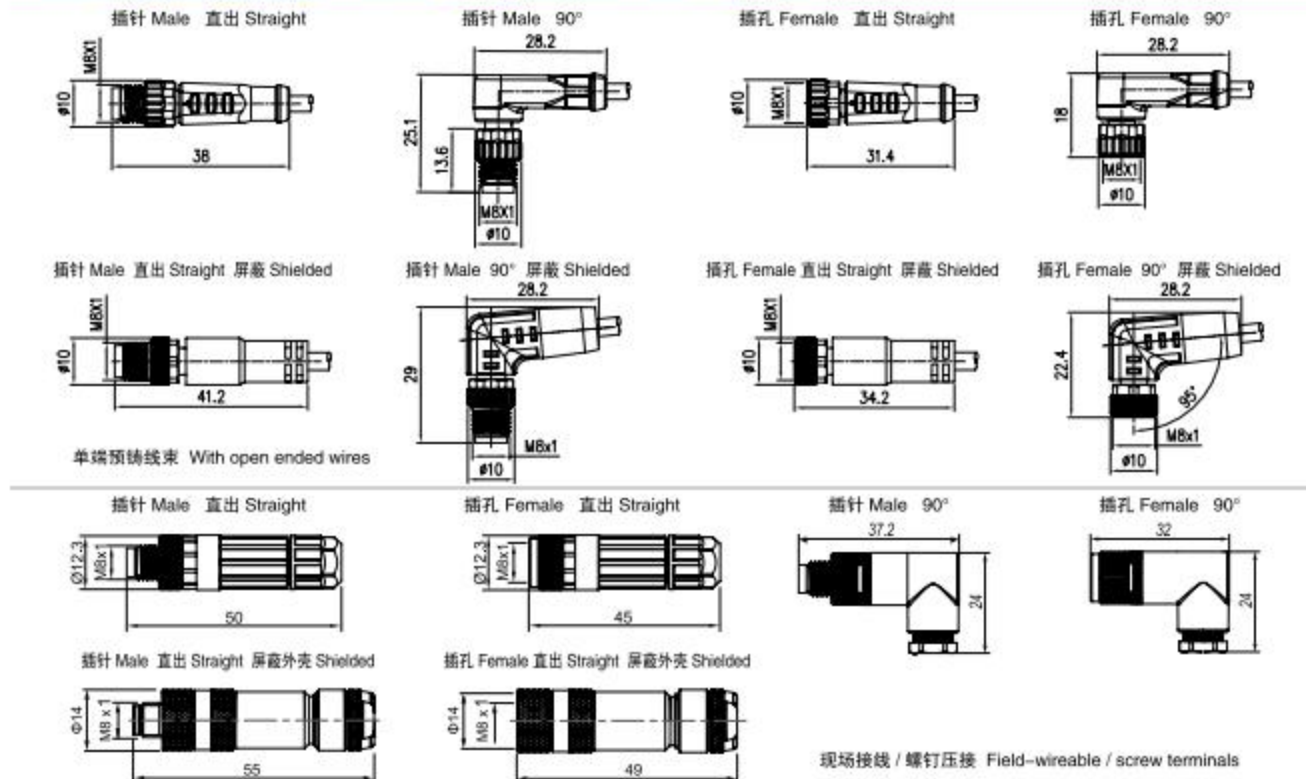
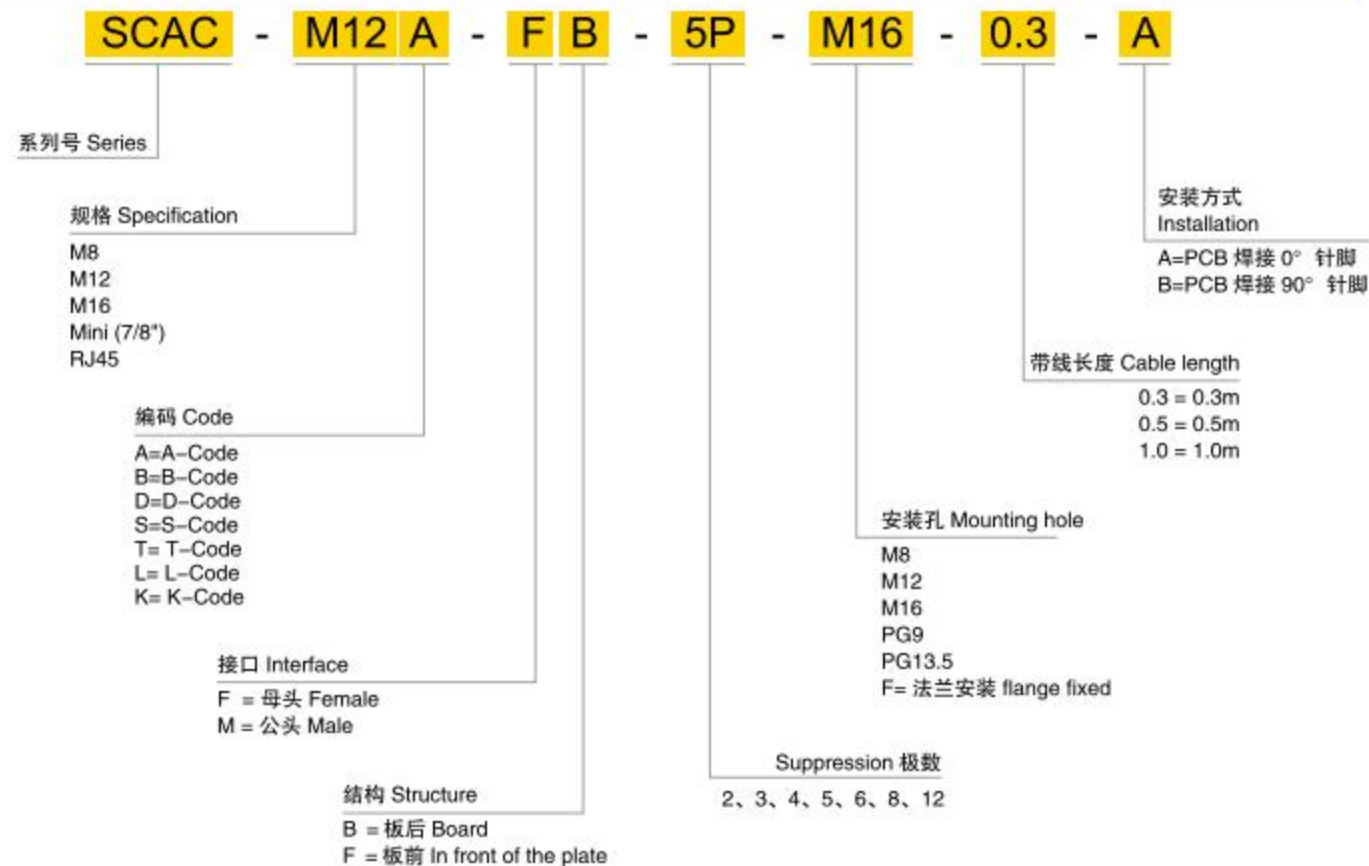
P-01 连接器技术参数 TECHNICAL DATA FOR PLUG CONNECTORS

现场接线连接器型号定义 Plug connectors for fieldbus technology

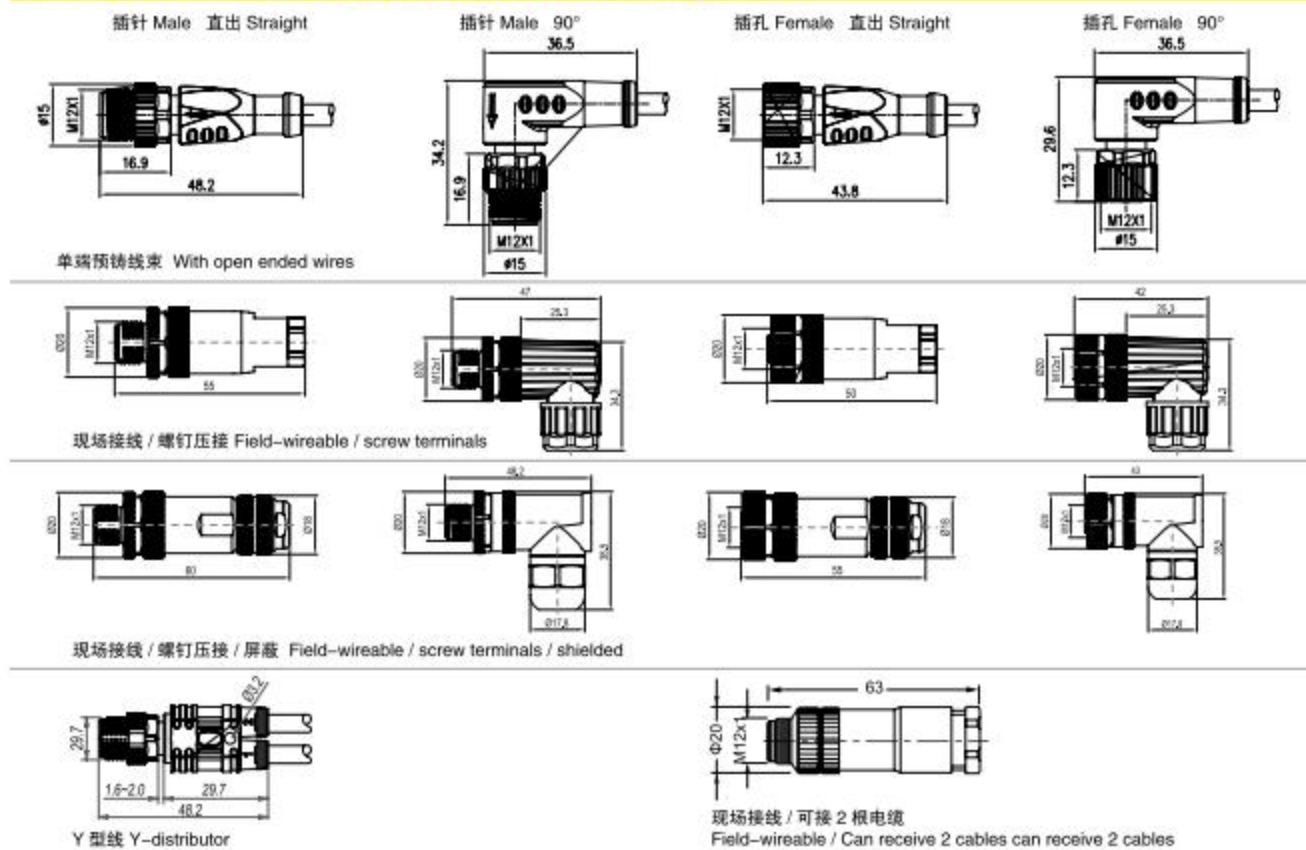
M8 圆形连接器 直出线 Round plug connector straight / 90°



板面安装插座型号定义 Panel installed connectors



M12 圆形连接器 直出线 Round plug connector straight / 90°



P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

现场接线 Field-wireable



- M8 圆形连接器 Round plug connector
- 插针 Male
- 直出线 / 90°
Straight / 90°
- 插孔 Female
- 直出线 / 90°
Straight / 90°

页次 page 6.1.1



- M8 圆形连接器 Round plug connector
- 插针 (屏蔽) Male (shielded)
- 直出线 Straight
- 插孔 (屏蔽) Female (shielded)
- 直出线 Straight

页次 page 6.1.3

单端预铸线束 With open ended wires



- M8 圆形连接器 Round plug connector
- 插针 Male
- 直出线 Straight
- 插孔 Female
- 90°
 - 90° 带 with LED

页次 page 6.1.4



- M8 圆形连接器 Round plug connector
- 插针 Male
- 直出线 Straight
- 插孔 Female
- 90°

页次 page 6.1.6

双端预铸线束 Connection cable



- M8 圆形连接器 Round plug connector
- 插针 Male
- 直出线 Straight
- 插孔 Female
- 直出线 Straight

- M8 圆形连接器 Round plug connector
- 插针 Male
- 直出线 Straight
- 插孔 Female
- 直出线 Straight
 - 90°
 - 90° 带 with LED

页次 page 6.1.7



- M8 圆形连接器 Round plug connector
- 插针 Male
- 直出线 Straight
 - 90°

- M12 圆形连接器 Round plug connector
- 插针 Male
- 直出线 Straight
- 插孔 Female
- 直出线 Straight
 - 90°
 - 90° 带 with LED

页次 page 6.1.10

M8 板面安装插座 Panel installed connectors



- M8 板面安装插座 Panel installed connectors
- 插针 Male
- 直出线 Straight
- 插孔 Female
- 直出线 Straight
- 法兰安装 Flange installation

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable

插针 Male
直出 Straight

插孔 Female
直出 Straight

对接连接

免剥线连接 Quick connect



相比螺钉连接节省 60% 时间
Operate time save 60%

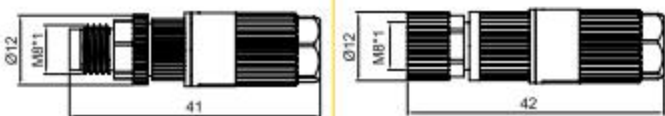
1 插针型号 Form No.

极数 Suppression	3-pole	3-pole	3-pole
电缆出口直径 Cable outlet diameter	0.14...0.34 mm ²		
针脚排序 Contact layout			

2 技术参数 Technical data

额定电压 Supply voltage	max. 32 V AC/DC
额定电流 Current per contact	max. 4A
连接线径	0.14...0.34 mm ² 针 (导线直径 min. 0.1 mm)
端口封盖	螺纹 M8 × 1 mm (推荐扭矩 0.4 Nm) 自锁
压线直径	Φ2.5...5.1 mm (含垫圈)
导线绝缘	PVC, PP, TPE
导线外径	1.0...1.6 mm
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529)
重新连接 (电缆)	10
温度范围 Temperature range	-25...+85°C

尺寸图 Description



安装说明



- 1) 去除电缆护套, 长度约为 12-18 毫米
- 2) 根据线缆大小选择不同款式的垫圈
- 3) 线缆穿过尾部主体, 垫圈, 剥好的单根线穿过异型胶体
- 4) 漏出的线缆用剪线钳剪除持平。装好的半成品, 对准前部部件旋转尾部主体使两者结合。

1 型号 Form

配件及技术参数页面 Accessories and technical page: 6.1.16

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable
螺钉压接
Screw terminals

插针 Male
直出 Straight



插孔 Female
直出 Straight



1 型号 Form No.

极数 Suppression	3-pole	4-pole	3-pole	4-pole
插针 Male 90°			插孔 Female 90°	

90° 型号 Form No.

极数 Suppression	3-pole	4-pole	3-pole	4-pole
电路图 Circuit diagram				
压线范围 Wire diameter	0.14....0.5 mm ²	0.14....0.5 mm ²	0.14....0.5 mm ²	0.14....0.5 mm ²
针脚排序 Contact layout				

2 技术参数 Technical data

额定电压 Supply voltage	60 V AC/DC	30 V AC/DC	60 V AC/DC	30 V AC/DC
额定电流 Current per contact (40°C)	max. 4 A			
压线方式 Wiring method	螺钉压接 Screw terminals			
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down			
温度范围 Temperature range	-25...+85°C			
电缆出线直径 Clamping range: Cable exit	3.5...5.0 mm			

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable
螺钉压接
Screw terminals
屏蔽
Shielded

插针 Male
直出 Straight



插孔 Female
直出 Straight



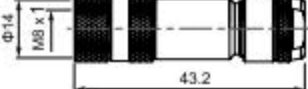
1 型号 Form No.

极数 Suppression	3-pole	4-pole	3-pole	4-pole
电路图 Circuit diagram				
压线范围 Wire diameter	0.14....0.5 mm ²	0.14....0.5 mm ²	0.14....0.5 mm ²	0.14....0.5 mm ²
针脚排序 Contact layout				

2 技术参数 Technical data

额定电压 Supply voltage	60 V AC/DC	30 V AC/DC	60 V AC/DC	30 V AC/DC
额定电流 Current per contact (40°C)	max. 4 A			
压线方式 Wiring method	螺钉压接 Screw terminals			
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down			
温度范围 Temperature range	-25...+85°C			
电缆出线直径 Clamping range: Cable exit	3.5...5.0 mm			

尺寸图 Description



1 型号 Form

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

单端预铸线束
With open ended wires

插针 Male
直出 Straight



插孔 Female
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	908001F	908011F	908041F	908061F
极数 Suppression	3-pole	4-pole	3-pole	4-pole

插针 Male
90°



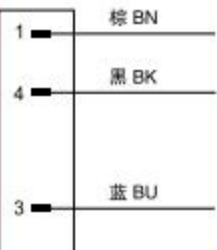
插孔 Female
90°



型号 Form No.

食品和饮料 FOOD & BEVERAGE	908021F	908031F	908081F	908101F
极数 Suppression	3-pole	4-pole	3-pole	4-pole

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm²	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK
PVC		210	610		211	611		210	610		211	611
PUR		220	620		221	621		220	620		221	621
PUR 高柔性 Highly flexible			630			631			630			631
抗扭、防飞溅 Torsion, welding spark resistant	150 050			151 051			150 050			151 051		
导体横截面 0.5mm² 抗扭、防飞溅			174						174			

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

单端预铸线束
With open ended wires

插孔 Female
直出 Straight
带 With LED



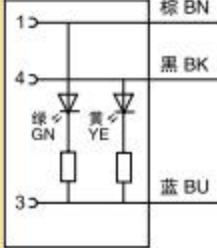
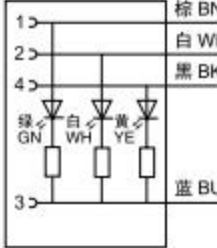
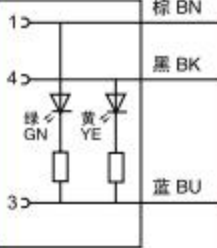
插孔 Female
90°
带 With LED



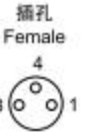
1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	908261F	908281F	908121F	908283F
极数 Suppression	3-pole 带 2 x LED (PNP)	4-pole 带 3 x LED (PNP)	3-pole 带 2 x LED (PNP)	4-pole 带 3 x LED (PNP)
电路图 Circuit diagram	3-polewith 2 x LED (PNP)	4-pole with 3 x LED (PNP)	3-polewith 2 x LED (PNP)	4-pole with 3 x LED (PNP)

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm²	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK
PVC		210	610		211	611		210	610		211	611
PUR		220	620		221	621		220	620		221	621
PUR 高柔性 Highly flexible			630			631			630			631
抗扭、防飞溅 Torsion, welding spark resistant	150 050			151 051			150 050			151 051		

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

单端预铸线束
With open ended wires

插针 Male
直出 Straight
屏蔽 Shielded



插孔 Female
直出 Straight
屏蔽 Shielded



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	908701F	908761F	908045F	908046F
极数 Suppression	3-pole	4-pole	3-pole	4-pole
	插针 Male 90° 屏蔽 Shielded		插孔 Female 90° 屏蔽 Shielded	

型号 Form No.

食品和饮料 FOOD & BEVERAGE	908721F	908731F	908085F	908801F
极数 Suppression	3-pole	4-pole	3-pole	4-pole
电路图 Circuit diagram				
针脚排序 Contact layout				

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm²	黑 BK	黑 BK	黑 BK	黑 BK
PUR 高柔性 Highly flexible	707	717	707	717

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M8-M8

插针 Male
直出 Straight

插孔 Female
直出 Straight

插针 Male
直出 Straight

插孔 Female
90°



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	988001F	988011F	988021F	988031F
极数 Suppression	3-pole	4-pole	3-pole	4-pole
电路图 Circuit diagram				
针脚排序 Contact layout				

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm²	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK
PVC		210	610		211	611		210	610		211	611
PUR		220	620		221	621		220	620		221	621
PUR 高柔性 Highly flexible			630			631			630			631
抗扭、防飞溅 Torsion, welding spark resistant	150 050			151 051			150 050			151 051		
导体横截面 0.5mm² 抗扭、防飞溅				174						174		

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M8-M8
屏蔽 Shielded

插针 Male
直出 Straight

插孔 Female
直出 Straight

插针 Male
直出 Straight

插孔 Female
90°



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	988801F	988811F	988821F	988831F
极数 Suppression	3-pole	4-pole	3-pole	4-pole
电路图 Circuit diagram				
针脚排序 Contact layout				

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm²	黑 BK	黑 BK	黑 BK	黑 BK
PUR 高柔性 Highly flexible	707	717	707	717

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M8-M8

插针 Male
直出 Straight

插针 Male
直出 Straight

插针 Male
直出 Straight

插孔 Female
90°, 带 with LED



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	988042F (曾用料号 988011T1F)	988041F
极数 Suppression	4-pole	3-pole 带2 x LED(PNP) 3-pole with 2 x LED (PNP)
电路图 Circuit diagram		
针脚排序 Contact layout		

2 电缆类型 Cable type

导体横截面 0.25mm²	黄 YE	橙 OG	灰 GY	黑 BK	黄 YE	橙 OG	灰 GY	黑 BK
PVC			211	611			210	610
PUR			221	621			220	620
PUR 高柔性 Highly flexible				631				630
抗扭、防飞溅 Torsion, welding spark resistant	151	051			150	050		
导体横截面 0.5mm² 抗扭、防飞溅	174							

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M8-M12

插针 Male
直出 Straight

插孔 Female
直出 Straight

插针 Male
直出 Straight

插孔 Female
90°



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	988241F	988251F	988261F	988271F
极数 Suppression	3-pole	4-pole	3-pole	4-pole
电路图 Circuit diagram				
针脚排序 Contact layout				

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm²	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK
PVC		210	610		211	611		210	610		211	611
PUR		220	620		221	621		220	620		221	621
PUR 高柔性 Highly flexible			630			631			630			631
抗扭、防飞溅 Torsion, welding spark resistant	150	050		151	051		150	050		151	051	
导体横截面 0.5mm² 抗扭、防飞溅			174									174

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M8-M12

插针 Male
直出 Straight

插孔 Female
90°, 带 with LED



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	988281F	988291F
极数 Suppression	3-pole 带 2 x LED (PNP)	4-pole 带 3 x LED (PNP)
电路图 Circuit diagram		
针脚排序 Contact layout		

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm²	黄 YE	橙 OG	灰 GY	黑 BK	黄 YE	橙 OG	灰 GY	黑 BK
PVC			210	610			211	611
PUR			220	620			221	621
PUR 高柔性 Highly flexible				630				631
抗扭、防飞溅 Torsion, welding spark resistant	150	050			151	051		
导体横截面 0.5mm² 抗扭、防飞溅					174			

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable

-M8-2M8

插针 Male
Y 形直出 Distributor

插孔 Female
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	987011F	987001F	987061F
极数 Suppression	3 芯	4 / 3 芯	4 芯
电路图 Circuit diagram			
针脚排序 Contact layout			

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm²	黄 YE	橙 OG	灰 GY	黑 BK	黄 YE	橙 OG	灰 GY	黑 BK	黄 YE	橙 OG	灰 GY	黑 BK
PVC			210	610			210	610			211	611
PUR			220	620			220	620			221	621
PUR 高柔性 Highly flexible				630				630				631
抗扭、防飞溅 Torsion, welding spark resistant	150	050			150	050			151	051		

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

技术参数 Technical data

额定电压 Supply voltage	max. 50 V AC/60 V DC
防护等级 Protection	插好并拧紧后 IP67 (EN 60529)
温度范围 Temperature range	-25...+85 °C, 取决于电缆质量

P-02 板面安装连接器 PANEL INSTALLED CONNECTORS

带线或 PCB 安装
Pre-wired or PCB installation

M8 插针 Male

M8 插孔 Female



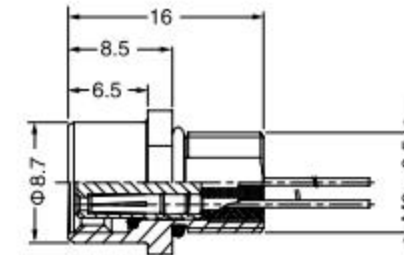
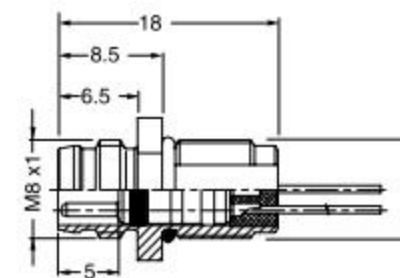
1 型号 Form No.

极数 Suppression	3-pole	4-pole	5-pole	3-pole	4-pole	5-pole
电路图 Circuit diagram						
针脚排序 Contact layout						

2 技术参数 Technical data

额定电压 Supply voltage	60 V AC/DC
额定电流 Current per contact (40°C)	4A
防护等级 Protection	IP67-插孔插针配合拧紧(EN 60529) When plugged and screwed down
导体截面积 Connection diameter	0.25 mm²
温度范围 Temperature range	-25...+85 °C

尺寸图 Description



P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

-M8 B-Code

插针 Male
直出 Straight



插孔 Female
直出 Straight



1 型号 Form No.

极数 Suppression	5-pole	6-pole	8-pole	5-pole	6-pole	8-pole
插针 Male 90°				插孔 Female 90°		

型号 Form No.

极数 Suppression	5-pole	6-pole	8-pole	5-pole	6-pole	8-pole
电路图 Circuit diagram						
针脚排序 Contact layout						

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面	黑 BK	黑 BK	黑 BK	黑 BK	黑 BK	黑 BK
PVC (3x0.14+2x0.34mm ²)	612			612		
PVC (6x0.25mm ²)		290			290	
PVC (8x0.25mm ²)			293			293

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 M8 圆形连接器 ROUND PLUG CONNECTOR

-M8 B-Code

插针 Male
直出 Straight



底孔 Female
直出 Straight

1 型号 Form No.

极数 Suppression	5-pole	6-pole	8-pole
电路图 Circuit diagram			
针脚排序 Contact layout			

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面	黑 BK (3x0.14+2x0.34mm ²)	黑 BK (6x0.25mm ²)	黑 BK (8x0.25mm ²)
PVC	612	290	293

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-02 附件 ACCESSORIES

电缆标识附件 Labeling accessories		适用范围 Suitable for
	滑动电缆套管 Slip-on cable sleeves 4x18 mm	电缆直径 4.0...6.5 mm Cable diameter 4.0...6.5 mm
	可拆卸电缆套管 Snap-on cable sleeves 4x18 mm	电缆直径 4.2...7.0 mm Cable diameter 4.2...7.0 mm
	标识板 Label plates 4x18 mm	
	M8 连接器安装扳手	
	M8 母头塑料保护盖 Plastic screw plug M8	
	M12 公头塑料保护盖 Male blind plug (Plastic) M12 母头塑料保护盖 Female blind plug (Plastic)	

连接器固定器

名称 Identification	型号 Type	应用图
SHD 连接器固定器 适用于 M8 预铸线 M4 螺丝	SHD 8 4	 M8 预铸线
SHD 连接器固定器 适用于 M8 现场接线与 M12 预铸线 M4 螺丝	SHD 12 4	 M8 现场接线  M12 预铸线



P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

现场接线 Field-wireable

		M12 圆形连接器 Round plug connector	
插针 Male		• 直出线 / 90° Straight / 90°	
插孔 Female		• 直出线 / 90° Straight / 90°	

页次 page 6.2.1

		M12 圆形连接器 Round plug connector	屏蔽 Shielded
插针 Male		• 直出线 / 90° Straight / 90°	
插孔 Female		• 直出线 / 90° Straight / 90°	

页次 page 6.2.6

单端预铸线束 With open ended wires

		M12 圆形连接器 Round plug connector	
插针 Male		• 直出线 Straight	
插孔 Female		• 90°	
插孔 Female 带 With LED			

页次 page 6.2.10

		M12 圆形连接器 Round plug connector	
插针 Male		• 直出线 Straight	
屏蔽 Shielded		• 90°	

页次 page 6.2.14

双端预铸线束 Connection cable

		M12 圆形连接器 Round plug connector	M12 圆形连接器 Round plug connector
插针 Male	• 直出线 Straight • 90°	插孔 Female	• 直出线 Straight • 90°

页次 page 6.2.16

		M12 圆形连接器 Round plug connector	M8 圆形连接器 Round plug connector
插针 Male	• 直出线 Straight	插孔 Female	• 直出线 Straight • 90° • 90° 带 With LED

页次 page 6.2.18

		M12 圆形连接器 Round plug connector	M12 圆形连接器 Round plug connector
插针 Male	• 直出线 Straight	插孔 Female	• 90° • 90° 带 With LED

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束 Connection cable



M12 圆形连接器 Round plug connector
插针 Male • 直出线 Straight
屏蔽 Shielded

M12 圆形连接器 Round plug connector
插孔 Female • 直出线 Straight
屏蔽 Shielded • 90°

页次 page 6.2.21



M12 圆形连接器 Round plug connector-Y 型线
插针 Male • 直出线 Straight

M12 圆形连接器 Round plug connector
插孔 Female • 直出线 Straight
• 90°
• 90° 带 With LED

页次 page 6.2.22



M12 圆形连接器 Round plug connector-Y 型线
插针 Male • 直出线 Straight

M8 圆形连接器 Round plug connector
插孔 Female • 直出线 Straight
• 90°
• 90° 带 With LED

页次 page 6.2.25

M12 板面安装插座 Panel installed connectors



板后安装连接器 Panel installed connectors
插针、插孔 4-pole A-code、B-code、D-code
Male / Female 5-pole A-code、B-code
8-pole B-code

页次 page 6.2.27



板前安装连接器 Panel installed connectors
插针、插孔 4-pole A-code、B-code、D-code
Male/Female 5-pole A-code、B-code
8-pole B-code

页次 page 6.2.28



印制电路板安装连接器 PCB connectors
插针、插孔 4-pole A-code、B-code、D-code
Male/Female 5-pole A-code、B-code
8-pole B-code

页次 page 6.2.29



PCB 安装连接器 Install the connector for
插针、插孔 90° 4-pole
Male / Female 90° 5-pole

页次 page 6.2.31



控制柜引入系统 Control cabinet entry system
插针、插孔 4-pole D-code
Male/Female 5-pole
5-pole B-code • 对应 Profibus-DP and Interbus

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable

免剥线连接 Quick connect

相比螺钉连接节省 60% 时间
Operate time save 60%

插针 Male
直出 Straight



插孔 Female
直出 Straight



对接连接



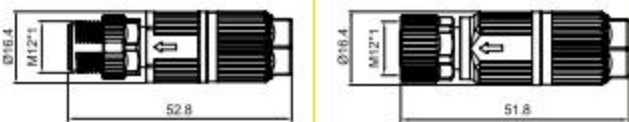
1 插针型号 Form No.

极数 Suppression	4-pole	4-pole	4-pole
电缆出口直径 Cable outlet diameter	0.14...0.34 mm ²		
针脚排序 Contact layout			 

2 技术参数 Technical data

额定电压 Supply voltage	max. 125 V AC/DC
额定电流 Current per contact	max. 4A
连接线径	0.14...0.34 mm ² (导线直径 min. 0.1 mm)
端口封盖	螺钉 M12 × 1 mm (推荐扭矩 0.6 Nm) 自锁
线缆直径	Φ2.9...5.8 mm
绝缘电阻	≥ 100 mΩ
导线外径	1.0...1.6 mm
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529)
湿度范围 Temperature range	-25...+85°C

尺寸图 Description



安装说明



1 型号 Form

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable
金属螺母

插针 Male
直出 Straight



插孔 Female
直出 Straight



1 极数 Suppression	4-pole	5-pole	4-pole	5-pole
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
电缆出口直径 Cable outlet diameter	4...6 mm	6...8 mm	4...6 mm	6...8 mm
针脚排序 Contact layout				
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
电缆出口直径 Cable outlet diameter	6...8 mm	6...8 mm	6...8 mm	6...8 mm
针脚排序 Contact layout				
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
电缆出口直径 Cable outlet diameter	6...8 mm		6...8 mm	
针脚排序 Contact layout				
电路图 Circuit diagram				

2 技术参数 Technical data	250 V AC/DC	125 V AC/DC	250 V AC/DC	125 V AC/DC
额定电压 Supply voltage	250 V AC/DC	125 V AC/DC	250 V AC/DC	125 V AC/DC
额定电流 Current per contact (40°C)	max. 4 A			
压线范围 Connection diameter	最大 max. 0.75 mm ²			
外壳材料 Housing material	阻燃塑料 Flame retardant plastic			
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down			
温度范围 Temperature range	-25...+85°C			
尺寸图 Description				

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable
螺钉压接
With screw terminals

插针 Male
直出 Straight



插孔 Female
直出 Straight



1 型号 Form No.	4-pole	5-pole	4-pole	5-pole
极数 Suppression				
电缆出口直径 Cable outlet diameter	8...10 mm	8...10 mm	8...10 mm	8...10 mm
双孔	插针 Male 直出 Straight		插孔 Female 直出 Straight	
针脚排序 Contact layout				
电路图 Circuit diagram				

1 型号 Form No.	4-pole	5-pole	4-pole	5-pole
极数 Suppression				
电缆出口直径 Cable outlet diameter	2x(3...5.2) mm	2x(3...5.2) mm	2x(3...5.2) mm	2x(3...5.2) mm
针脚排序 Contact layout				
电路图 Circuit diagram				

2 技术参数 Technical data	250 V AC/DC	60 V AC/DC	250 V AC/DC	60 V AC/DC
额定电压 Supply voltage	250 V AC/DC	60 V AC/DC	250 V AC/DC	60 V AC/DC
额定电流 Current per contact (40°C)	max. 4 A			
压线范围 Connection diameter	最大 max. 0.75 mm ²			
外壳材料 Housing material	阻燃塑料 Flame retardant plastic			
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down			
温度范围 Temperature range	-25...+85°C			

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable
金属螺母

插针 Male
90°



插孔 Female
90°

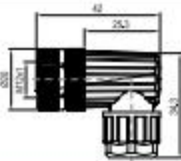
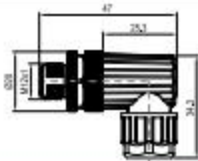


1 极数 Suppression	4-pole	5-pole	4-pole	5-pole
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
电缆出口直径 Cable outlet diameter	4...6 mm	6...8 mm	4...6 mm	6...8 mm
针脚排序 Contact layout				
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
电缆出口直径 Cable outlet diameter	6...8 mm	6...8 mm	6...8 mm	6...8 mm
针脚排序 Contact layout				
D-Code 订货号 Part No.				
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
电缆出口直径 Cable outlet diameter	6...8 mm		6...8 mm	
针脚排序 Contact layout				
电路图 Circuit diagram				

2 技术参数 Technical data

额定电压 Supply voltage	250 V AC/DC	125 V AC/DC	250 V AC/DC	125 V AC/DC
额定电流 Current per contact (40°C)	max. 4 A			
压线范围 Connection diameter	最大 max. 0.75 mm ²			
外壳材料 Housing material	阻燃塑料 Flame retardant plastic			
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down			
温度范围 Temperature range	-25...+85°C			

尺寸图 Description



P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable
全塑料外壳
耐腐蚀

插针 Male
直出 Straight



插孔 Female
直出 Straight



1 极数 Suppression	4-pole	5-pole	4-pole	5-pole
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
电缆出口直径 Cable outlet diameter	4...6 mm	6...8 mm	4...6 mm	6...8 mm
针脚排序 Contact layout				
电路图 Circuit diagram				

1 极数 Suppression	4-pole	5-pole	4-pole	5-pole
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
电缆出口直径 Cable outlet diameter	4...6 mm	6...8 mm	4...6 mm	6...8 mm
针脚排序 Contact layout				
电路图 Circuit diagram				

2 技术参数 Technical data

额定电压 Supply voltage	250 V AC/DC	125 V AC/DC	250 V AC/DC	125 V AC/DC
额定电流 Current per contact (40°C)	max. 4 A			
压线范围 Connection diameter	最大 max. 0.75 mm ²			
外壳材料 Housing material	阻燃塑料 Flame retardant plastic			
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down			
温度范围 Temperature range	-25...+85°C			

尺寸图 Description

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable
螺钉压接
With screw terminals

插针 Male
直出 Straight



插孔 Female
直出 Straight



1 型号 Form No.		
极数 Suppression	8-pole	8-pole
插针 Male 90°		插孔 Female 90°
90° 型号 Form No.		
极数 Suppression	8-pole	8-pole
电路图 Circuit diagram		
针脚排序 Contact layout		
电缆出口直径 Cable outlet diameter	6....8 mm	6....8 mm

2 技术参数 Technical data		
额定电压 Supply voltage	60 V AC/DC	
额定电流 Current per contact (40°C)	max. 2 A	
压线范围 Connection diameter	最大 max. 0.5 mm ²	
外壳材料 Housing material	阻燃塑料 Flame retardant plastic	
压线方式 Wiring method	螺钉压接 Screw terminals	
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down	
温度范围 Temperature range	-25...+85°C	

1 型号 Form

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

现场接线
Field-wireable
金属外壳
屏蔽
Shielded

插针 Male
直出 Straight



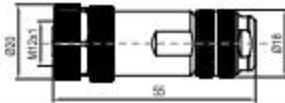
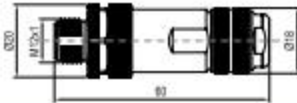
插孔 Female
直出 Straight



1 极数 Suppression	4-pole	5-pole	4-pole	5-pole
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
针脚排序 Contact layout				
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
针脚排序 Contact layout				
螺钉压接 With screw terminals				
弹片压接 Cage-clamp terminals				
针脚排序 Contact layout				
电缆出口直径 Cable outlet diameter	4....6 mm	6....8 mm	4....6 mm	6....8 mm
电路图 Circuit diagram				

2 技术参数 Technical data		
额定电压 Supply voltage	125 V AC/DC	
额定电流 Current per contact (40°C)	max. 4 A	
压线范围 Connection diameter	最大 max. 0.75 mm ²	
外壳材料 Housing material	铜锌合金, 表面镀镍 CuZn, nickel plated	
压线方式 Wiring method	螺钉压接 Screw terminals	
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down	
温度范围 Temperature range	-25...+85°C	

尺寸图 Description



P-03 M12 组装式推拉自锁连接器 PUSH/PULL

无需工具
即可轻松插入实现自锁

屏蔽
Shielded

插针 Male A-Code
直出 Straight



插针 Male D-Code
直出 Straight



插针 Male X-Code
直出 Straight



1 型号 Form No.

极数 Suppression	4-pole	5-pole	4-pole	8-pole
针脚排序 Contact layout				
	插孔 Female A-Code 直出 Straight	插孔 Female D-Code 直出 Straight	插孔 Female X-Code 直出 Straight	

底座型号 Form No.

极数 Suppression	4-pole	5-pole	4-pole	8-pole
针脚排序 Contact layout				

2 技术参数 Technical data

额定电压 Supply voltage	50 V AC/DC
额定电流 Current per contact (40°C)	4A
压线范围 Wire diameter	5.7 ... 8.8 mm
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down
温度范围 Temperature range	-25...+85°C

配件及技术参数页面 Accessories and technical page: 6.2.33

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

单端预铸线束
With open ended wires

插针 Male
直出 Straight



插孔 Female
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	912001F	912021F	912041F	912181F	912221F	912241F
极数 Suppression	3-pole	4-pole	5-pole	3-pole	4-pole	5-pole
	插针 Male 90°			插孔 Female 90°		

型号 Form No.

食品和饮料 FOOD & BEVERAGE	912081F	912101F	912121F	912321F	912341F	912361F
极数 Suppression	3-pole	4-pole	5-pole	3-pole	4-pole	5-pole
	电路 Circuit diagram					
	插针 Male					

2 电缆类型 Cable type

护套颜色 Jacket color

导体横截面 0.34mm²	灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK
PVC	213	613	214	614	215	615	213	613	214	614	215	615
PUR	223	623	224	624	225	625	223	623	224	624	225	625
PUR 高柔性 Highly flexible		633		634		635		633		634		635
抗扭、防飞溅 Torsion, welding spark resistant			154	054					154	054		
导体横截面 0.5mm² (抗扭、防飞溅)			174						174			

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

单端预铸线束
With open ended wires

插针 Male
直出 Straight



插孔 Female
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	917001F	919001F	927001F	917041F	919041F	927041F
极数 Suppression	8-pole	12-pole	17-pole	8-pole	12-pole	17-pole

插针 Male
90°



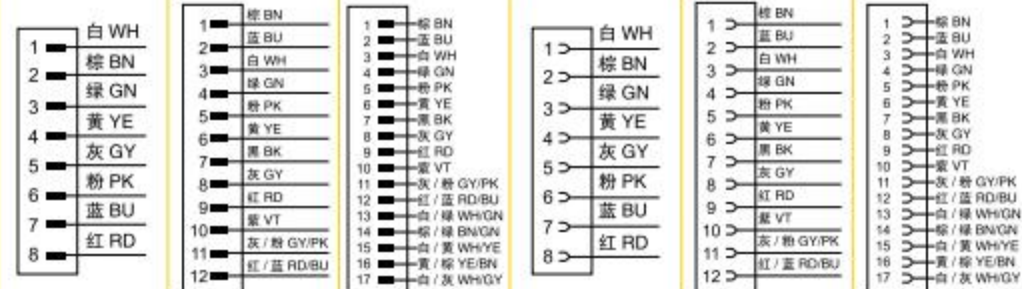
插孔 Female
90°



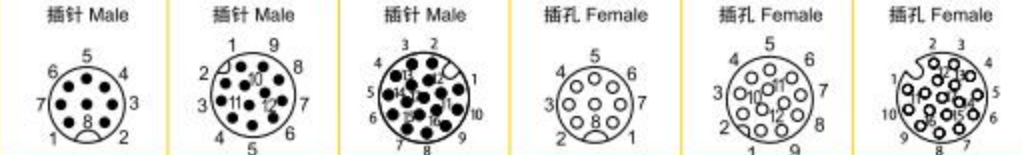
型号 Form No.

食品和饮料 FOOD & BEVERAGE	917021F	919021F	927021F	917061F	919061F	927061F
极数 Suppression	8-pole	12-pole	17-pole	8-pole	12-pole	17-pole

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm ²	灰 GY	灰 GY		灰 GY	灰 GY	
PVC	292	301		292	301	
PUR 高柔性 Highly flexible	295			295		
导体横截面 0.14mm ²		黑 BK	黑 BK		黑 BK	黑 BK
PVC		702	742		702	742
PUR 高柔性 Highly flexible		705	745		705	745

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

技术参数 Technical data

工作电压 Supply voltage	max. 30 V AC/DC
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down
温度范围 Temperature range	-25...+85℃

电缆参数 Cable parameter: 8.3.1 尺寸参数 Size parameter: 6.0.4 配件页面 Accessories on page: 6.2.33

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

单端预铸线束
With open ended wires

带 LED
With LED

插孔 Female
直出 Straight



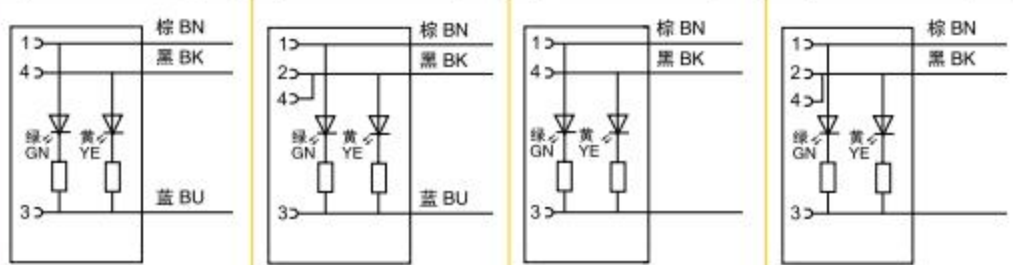
插孔 Female
90°



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	912261F	912281F	912381F	912401F
极数 Suppression	3-pole带2xLED(PNP)	4-pole带2xLED(PNP)	3-pole带2xLED(PNP)	4-pole带2xLED(PNP)
电路图	3-pole with 2 x LED (PNP)	4-pole with 2 x LED (PNP)	3-pole with 2 x LED (PNP)	4-pole with 2 x LED (PNP)

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.34mm ²	灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK
PVC	213	613	213	613	213	613	213	613
PUR	223	623	223	623	223	623	223	623
PUR 高柔性 Highly flexible		633		633		633		633

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

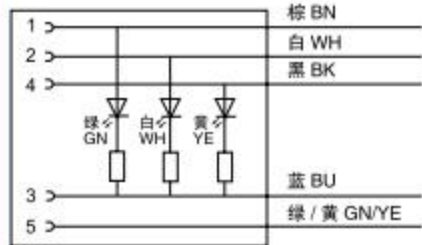
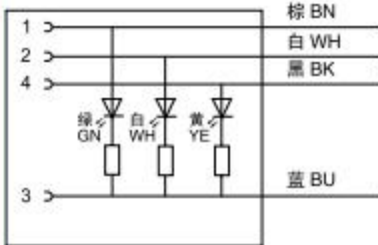
单端预铸线束
With open ended wires
带 LED
With LED

插孔 Female
90°

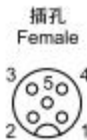


1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	912421F	912441F
极数 Suppression	4-pole带3xLED(PNP)	5-pole带3xLED(PNP)
电路图 Circuit diagram	4-pole with 3 x LED (PNP)	5-pole with 3 x LED (PNP)



针脚排序
Contact layout



2 电缆类型 Cable type

护套颜色 Jacket color

导体横截面 0.34mm ²	黄 YE	橙 OG	灰 GY	黑 BK	灰 GY	黑 BK
PVC			214	614	215	615
PUR			224	624	225	625
PUR 高柔性 Highly flexible				634		635
抗扭、防飞溅 Torsion, welding spark resistant	154	054				

3 电缆长度 Cable length

1.5m
3.0m
5.0m
7.5m
10.0m

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

单端预铸线束
With open ended wires
屏蔽
Shielded

插针 Male
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	913061F	913081F	913101F	917081F	919301F
极数 Suppression	3-pole	4-pole	5-pole	8-pole	12-pole

插针 Male
90°



型号 Form No.

食品和饮料 FOOD & BEVERAGE	913121F	913141F	913161F	917101F	919321F
极数 Suppression	3-pole	4-pole	5-pole	8-pole	12-pole

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type

护套颜色 Jacket color

导体横截面 0.34mm ²	灰 GY	灰 GY	灰 GY		
PVC	317	330	348		
PUR	318	331	349		
导体横截面 0.25mm ²				黑 BK 灰 GY	
PVC				294	
PUR				297	
导体横截面 2					黑 BK
PVC					703
PUR 高柔性 Highly flexible					706

3 电缆长度 Cable length

1.5m
3.0m
5.0m
10.0m

技术参数 Technical data

工作电压 Supply voltage	125 V AC/DC	60 V AC/DC	30 V AC/DC
额定电流 Current per contact(40°C)	max. 4A	max. 2 A	
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down		
温度范围 Temperature range	-25...+85°C		

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

单端预铸线束
With open ended wires
屏蔽
Shielded

插孔 Female
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	913181F	913201F	913221F	917121F	919341F
极数 Suppression	3-pole	4-pole	5-pole	8-pole	12-pole

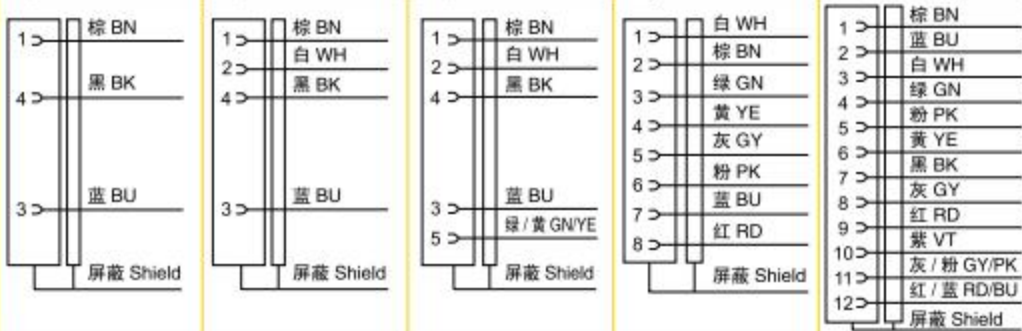
插孔 Female
90°



型号 Form No.

食品和饮料 FOOD & BEVERAGE	913241F	913261F	913281F	917141F	919361F
极数 Suppression	3-pole	4-pole	5-pole	8-pole	12-pole

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.34mm²	灰 GY	灰 GY	灰 GY		
PVC	317	330	348		
PUR	318	331	349		
导体横截面 0.25mm²				黑 BK 灰 GY	
PVC				294	
PUR				297	
导体横截面 0.14mm²					黑 BK
PVC					703
PUR 高柔性 Highly flexible					706

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
10.0m	

技术参数 Technical data

工作电压 Supply voltage	125 V AC/DC	60 V AC/DC	30 V AC/DC
额定电流 Current per contact(40°C)	max. 4A	max. 2 A	
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down		
温度范围 Temperature range	-25...+85°C		

电缆参数 Cable parameter: 8.3.1 尺寸参数 Size parameter: 6.0.4 配件页面 Accessories on page: 6.2.33

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M12-M12

插针 Male
直出 Straight

插孔 Female
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940001F	940021F	940041F	948001F
极数 Suppression	3-pole	4-pole	5-pole	8-pole

插针 Male
90°

插孔 Female
90°



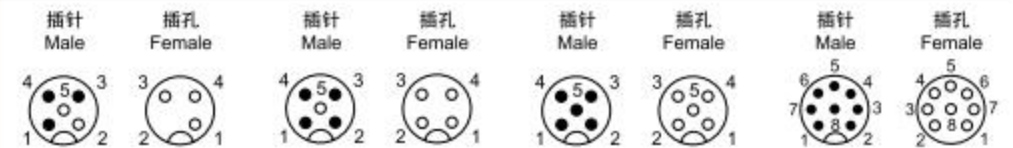
型号 Form No.

食品和饮料 FOOD & BEVERAGE	940172F	940202F	940222F	948004F
极数 Suppression	3-pole	4-pole	5-pole	8-pole

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.34mm²	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	灰 GY	黑 BK
PVC	213	613		214	614	215	615
PUR	223	623		224	624	225	625
PUR 高柔性 Highly flexible		633			634		635
抗扭、防飞溅 Torsion, welding spark resistant			154 054				
导体横截面 0.5mm² (抗扭、防飞溅)			174				
导体横截面 0.25mm²						灰 GY	
PVC						292	
PUR						295	

3 电缆长度 Cable length

1.5m	
3.0m	
5.0m	
7.5m	
10.0m	

电缆参数 Cable parameter: 8.3.1 尺寸参数 Size parameter: 6.0.4 配件页面 Accessories on page: 6.2.33

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable

-M12-M12

插针 Male
直出 Straight插孔 Female
90°

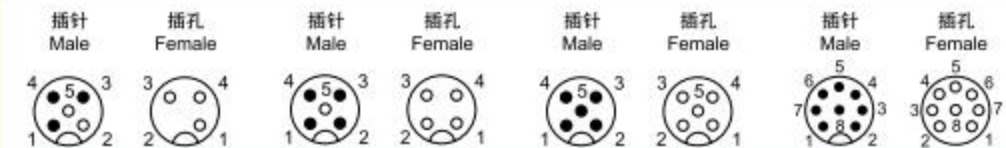
1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940101F	940121F	940141F	948002F
极数 Suppression	3-pole	4-pole	5-pole	8-pole

插针 Male
90°插孔 Female
直出 Straight

型号 Form No.

食品和饮料 FOOD & BEVERAGE	940171F	940201F	940221F	948003F
极数 Suppression	3-pole	4-pole	5-pole	8-pole

电路图
Circuit diagram针脚排序
Contact layout

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.34mm²	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	灰 GY	黑 BK
PVC	213	613		214	614	215	615
PUR	223	623		224	624	225	625
PUR 高柔性 Highly flexible		633			634		635
抗扭、防飞溅 Torsion, welding spark resistant			154 054				
导体横截面 0.5mm² (抗扭、防飞溅)			174				
导体横截面 0.25mm²						灰 GY	
PVC						292	
PUR						295	

3 电缆长度 Cable length

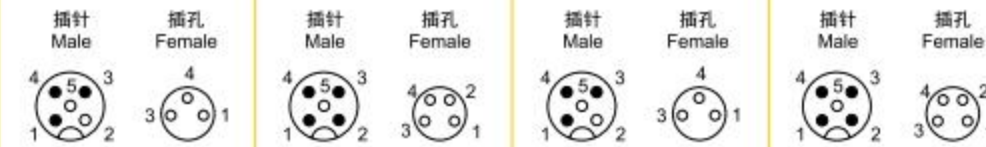
0.3m	
0.6m	
1.0m	
1.5m	
2.0m	

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cableM12
插针 Male
直出 StraightM8
插孔 Female
直出 StraightM12
插针 Male
直出 StraightM8
插孔 Female
90°

1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940561F	940581F	940601F	940621F
极数 Suppression	3-pole	4-pole	3-pole	4-pole

电路图
Circuit diagram针脚排序
Contact layout

2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.25mm²	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK
PVC		210	610		211	611		210	610		211	611
PUR		220	620		221	621		220	620		221	621
PUR 高柔性 Highly flexible			630			631			630			631
抗扭、防飞溅 Torsion, welding spark resistant	150 050		650	151 051			150 050		650	151 051		

3 电缆长度 Cable length

0.3m	
0.6m	
1.0m	
1.5m	
2.0m	

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M12-M8/M12

M12
插针 Male
直出 Straight

M8
插孔 Female
90° with 带 LED
M8



M12
插针 Male
直出 Straight

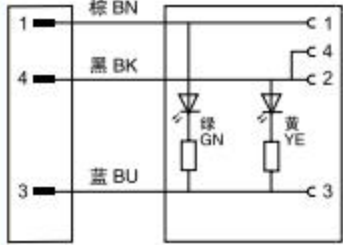
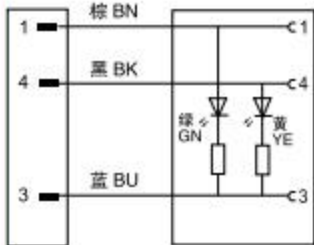
M12
插孔 Female
90° with 带 LED
M12



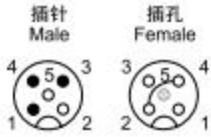
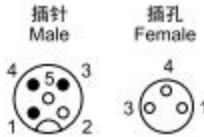
1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940641F	940381F
极数 Suppression	3-pole带2xLED(PNP) 3-pole with 2 x LED (PNP)	3-pole 带2xLED (PNP) 3-pole with 2 x LED (PNP)

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type

护套颜色 Jacket color	芯线直径 Wire 0.25mm²	芯线直径 Wire 0.34mm²
黄 YE	橙 OG	灰 GY 黑 BK
PVC	210	213 610 613
PUR	220	223 620 623
PUR 高柔性 Highly flexible		630 633
抗扭、防飞溅 Torsion, welding spark resistant	150 050	650

3 电缆长度 Cable length

0.3m
0.6m
1.0m
1.5m
2.0m

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M12-M12

插针 Male
直出 Straight

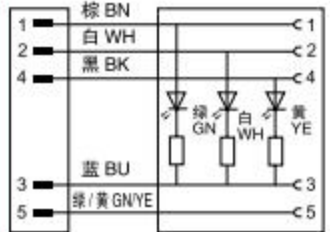
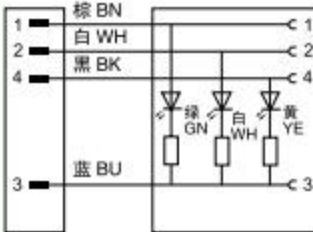
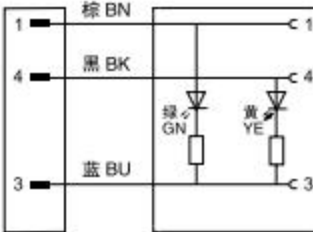
插孔 Female
90° with 带 LED



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940321F	940341F	940361F
极数 Suppression	3-pole 带2xLED (PNP) 3-pole with 2 x LED (PNP)	4-pole 带3xLED (PNP) 4-pole with 3 x LED (PNP)	5-pole 带3xLED (PNP) 5-pole with 3 x LED (PNP)

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type

护套颜色 Jacket color	芯线直径 Wire 0.34mm²	芯线直径 Wire 0.50mm²
灰 GY 黑 BK 黄 YE	灰 GY 黑 BK	灰 GY 黑 BK
213 613	214 614	215 615
223 623	224 624	225 625
PUR 高柔性 Highly flexible	633 634	635
抗扭、防飞溅 Torsion, welding spark resistant	154 054	

3 电缆长度 Cable length

0.3m
0.6m
1.0m
1.5m
2.0m

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable

-M12-M12

屏蔽
Shielded

插针 Male
直出 Straight

插孔 Female
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940481F	940501F	940521F	948041F
极数 Suppression	3-pole	4-pole	5-pole	8-pole

插针 Male
直出 Straight

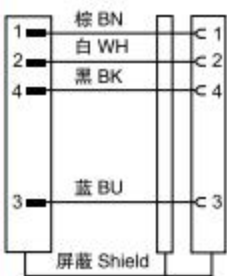
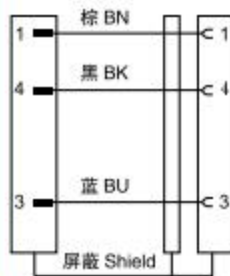
插孔 Female
90°



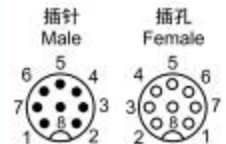
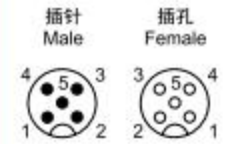
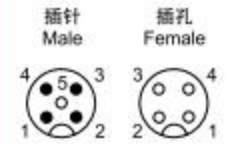
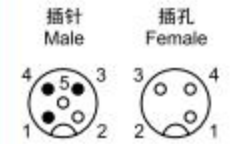
型号 Form No.

食品和饮料 FOOD & BEVERAGE	944121F	944131F	944141F	948181F
极数 Suppression	3-pole	4-pole	5-pole	8-pole

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.34mm²	灰 GY	灰 GY	灰 GY	
PVC	317	330	348	
PUR	318	331	349	
导体横截面 0.25mm²				黑 BK 灰 GY
PVC				294
PUR				297

3 电缆长度 Cable length

0.3m	
0.6m	
1.0m	
1.5m	
2.0m	

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

单端预铸线束
With open ended wires

-M12-2 自由端
- The free end M12-2

插针 Male
Y 形直出 Distributor

自由端 The free end



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940941F	940901F
极数 Suppression	3-pole	4-pole

电路图
Circuit diagram



针脚排序
Contact layout

Y- 插针
Y-Male



Y- 插针
Y-Male



2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.34mm²	灰 GY	黑 BK	黄 YE	橙 OG	灰 GY	黑 BK
PVC	213	613			214	614
PUR	223	623			224	624
PUR 高柔性 Highly flexible		633				634
抗扭、防飞溅 Torsion, welding spark resistant			154	054		

3 电缆长度 Cable length

0.3m	
0.6m	
1.0m	
1.5m	
2.0m	

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M12-2M12

插针 Male
Y 形直出 Distributor

插孔 Female
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940701F	940721F
极数 Suppression	3-pole	4-pole

插针 Male
Y 形直出 Distributor

插孔 Female
90°



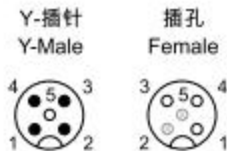
型号 Form No.

食品和饮料 FOOD & BEVERAGE	940741F	940761F
极数 Suppression	3-pole	4-pole

电路图
Circuit diagram



针脚排序
Contact layout



2 电缆类型 Cable type 护套颜色 Jacket color

导体横截面 0.34mm²	灰 GY	黑 BK	黄 YE	橙 OG	灰 GY	黑 BK
PVC	213	613			214	614
PUR	223	623			224	624
PUR 高柔性 Highly flexible		633				634
抗扭、防飞溅 Torsion, welding spark resistant			154	054		

3 电缆长度 Cable length

0.3m	
0.6m	
1.0m	
1.5m	
2.0m	

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M12-2M12
-M12-2M8

M12
插针 Male
Y 形直出 Distributor

M12
插孔 Female
90° with LED

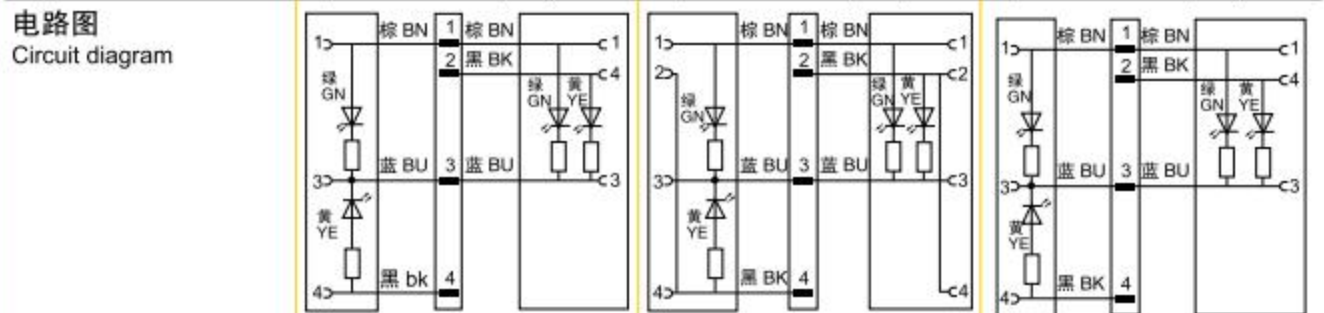
M12
插针 Male
Y 形直出
Distributor

M8
插孔 Female
90°

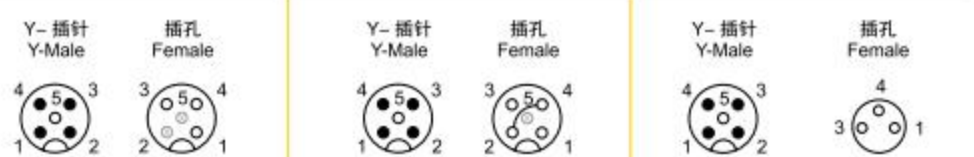


1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940781F	940801F	940861F
极数 Suppression	3-pole带2xLED(PNP)	4-pole带2xLED(PNP)	3-pole带2xLED(PNP)
电路图 Circuit diagram	3-pole with 2 x LED (PNP)	4-pole with 2 x LED (PNP)	3-pole with 2 x LED (PNP)



针脚排序
Contact layout



2 电缆类型 Cable type 护套颜色 Jacket color 芯线直径 Wire 0.34mm² 芯线直径 Wire 0.25mm²

导体横截面	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK
PVC	213	613		214	614		210	610
PUR	223	623		224	624		220	620
PUR 高柔性 Highly flexible		633			634			630
抗扭、防飞溅 Torsion, welding spark resistant			154	054		150	050	

3 电缆长度 Cable length

0.3m	
0.6m	
1.0m	
1.5m	
2.0m	

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M12-2M8

M12
插针 Male
Y 形直出 Distributor

M8
插孔 Female
直出 Straight

M12
插针 Male
Y 形直出 Distributor

M8
插孔 Female
90°



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940821F	940841F
极数 Suppression	3-pole	3-pole
电路图 Circuit diagram		
针脚排序 Contact layout		

2 电缆类型 Cable type

护套颜色 Jacket color

导体横截面 0.25mm²	黄 YE	灰 GY	黑 BK	黄 YE	灰 GY	黑 BK
PVC		210	610		210	610
PUR		220	620		220	620
PUR 高柔性 Highly flexible			630			630
抗扭、防飞溅 Torsion, welding spark resistant	150 050			150 050		

3 电缆长度 Cable length

0.3m	
0.6m	
1.0m	
1.5m	
2.0m	

P-03 M12 圆形连接器 ROUND PLUG CONNECTOR

双端预铸线束
Connection cable
-M12-2M12

插针 Male
Y 形直出 Distributor

插孔 Female
直出 Straight



1 型号 Form No.

食品和饮料 FOOD & BEVERAGE	940752F	940753F
极数 Suppression	3-pole	4-pole
电路图 Circuit diagram		
针脚排序 Contact layout		

2 电缆类型 Cable type

护套颜色 Jacket color

导体横截面 0.34mm²	黄 YE	橙 OG	灰 GY	黑 BK
PVC			214	614
PUR			224	624
PUR 高柔性 Highly flexible				634
抗扭、防飞溅 Torsion, welding spark resistant	154	054		

3 电缆长度 Cable length

0.3m	
0.6m	
1.0m	
1.5m	
2.0m	

P-03 板后安装连接器 PLATE CONNECTOR AFTER INSTALLATION

带线板后安装
Pre-wired installation

M12 插针 Male



M12 插孔 Female



1 极数 Suppression	4-pole	5-pole	8-pole	4-pole	5-pole	8-pole
针脚排序 Contact layout						
额定电压 Supply voltage	250 V AC/DC	125 V AC/DC	60 V AC/DC	250 V AC/DC	125 V AC/DC	60 V AC/DC
额定电流 Current per contact (40°C)	4A	4A	2A	4A	4A	2A
针脚排序 Contact layout						
额定电压 Supply voltage	250 V AC/DC	125 V AC/DC		250 V AC/DC	125 V AC/DC	
额定电流 Current per contact (40°C)	4A	4A		4A	4A	
针脚排序 Contact layout						
额定电压 Supply voltage	250 V AC/DC			250 V AC/DC		
额定电流 Current per contact (40°C)	4A			4A		
电路图 Circuit diagram						

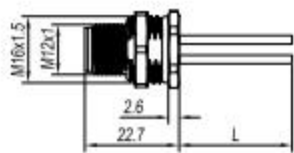
2 技术参数 Technical data

防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down
导体截面积 Connection diameter	0.25 mm ²
温度范围 Temperature range	- 25...+ 85 °C

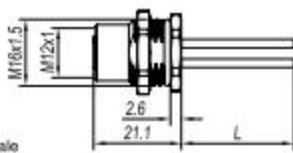
3 螺母固定 Suitable mounting nut 默认为 M16 螺母: 971 (M16), 量大可选: 974(M12), 977(PG9), 制作带 T 料号需有对应规格书。

尺寸图

Description



插针尺寸图 Male



插孔尺寸图 Female



螺母 M16x1.5
开孔尺寸

P-03 板前安装连接器 BEFORE INSTALL THE CONNECTOR

带线板前安装
Pre-wired installation

M12 插针 Male



M12 插孔 Female



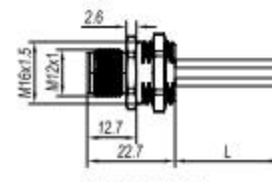
1 极数 Suppression	4-pole	5-pole	8-pole	4-pole	5-pole	8-pole
针脚排序 Contact layout						
额定电压 Supply voltage	250 V AC/DC	125 V AC/DC	60 V AC/DC	250 V AC/DC	125 V AC/DC	60 V AC/DC
额定电流 Current per contact (40°C)	4A	4A	2A	4A	4A	2A
针脚排序 Contact layout						
额定电压 Supply voltage	250 V AC/DC	125 V AC/DC		250 V AC/DC	125 V AC/DC	
额定电流 Current per contact (40°C)	4A	4A		4A	4A	
针脚排序 Contact layout						
额定电压 Supply voltage	250 V AC/DC			250 V AC/DC		
额定电流 Current per contact (40°C)	4A			4A		
电路图 Circuit diagram						

2 技术参数 Technical data

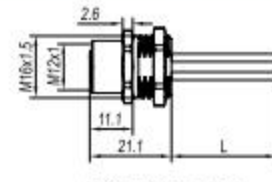
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) When plugged and screwed down
导体截面积 Connection diameter	0.25 mm ²
温度范围 Temperature range	- 25...+ 85 °C

3 螺母固定 Suitable mounting nut 默认为 M16 螺母: 971 (M16), 量大可选: 974(M12), 977(PG9), 979(M20), 制作带 T 料号需有对应规格书。

尺寸图 Description



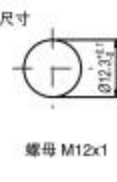
插针尺寸图 Male



插孔尺寸图 Female



螺母 M16x1.5



螺母 M12x1

P-03 板后安装连接器 CONNECTOR



M12 插针 Male



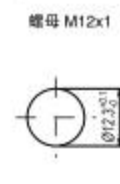
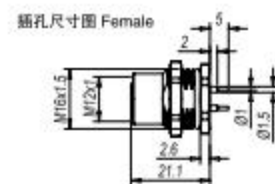
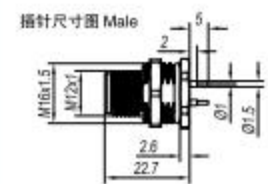
M12 插孔 Female



1	极数 Suppression	4-pole	5-pole	8-pole	4-pole	5-pole	8-pole
针脚排序 Contact layout							
针脚排序 Contact layout							
针脚排序 Contact layout							

2 螺母固定 Suitable mounting nut 默认为 M16 螺母: 971 (M16), 量大可选: 974(M12), 977(PG9), 制作带 T 料号需有对应规格书。

尺寸图 Description



开孔尺寸

螺母 M16x1.5

螺母 M12x1

PCB 焊接型

现场接线焊接型

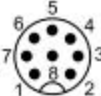
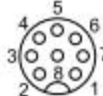
P-03 板前安装连接器 CONNECTOR

M12 插针 Male



M12 插孔 Female

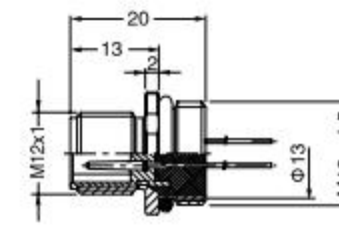


1	极数 Suppression	4-pole	5-pole	8-pole	4-pole	5-pole	8-pole
针脚排序 Contact layout		插针 Male 	插针 Male 	插针 Male 	插孔 Female 	插孔 Female 	插孔 Female 
针脚排序 Contact layout		插针 Male 	插针 Male 		插孔 Female 	插孔 Female 	
针脚排序 Contact layout		插针 Male 			插孔 Female 		

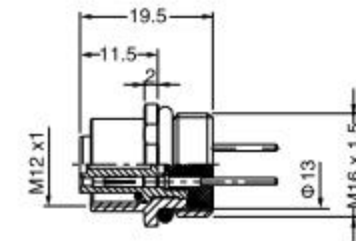
2 螺母固定 Suitable mounting nut 默认为 M16 螺母: 971 (M16), 量大可选: 974(M12), 977(PG9), 制作带 T 料号需有对应规格书。

尺寸图 Description

M12 插针 Male



M12 插孔 Female



开孔尺寸



M12 板面 (螺母 M12x1)



M12 板面 (螺母 M16x1.5)

电缆长度单位: cm 电缆类型没有标注的默认为不带线的焊线结构。

电缆长度单位: cm 电缆类型没有标注的默认为不带线的焊线结构。

P-03 PCB 安装连接器 INSTALL THE CONNECTOR FOR

P-03 板面安装连接器 PANEL INSTALLED CONNECTORS

90°

1 极数 Suppression	4-pole	5-pole	4-pole	5-pole
针脚排序 Contact layout				
针脚排序 Contact layout				
技术参数 Technical data				
额定电压 Supply voltage	250 V AC/DC	125 V AC/DC	250 V AC/DC	125 V AC/DC
额定电流 Current per contact (40°C)	4A			
防护等级 Protection	IP67-插孔插针配合拧紧(EN 60529) When plugged and screwed down			
拔插寿命 (次) Pull out plug life (time)	≥ 100			
温度范围 Temperature range	-25...+85℃			
针脚排序 Contact layout				
技术参数 Technical data				
额定电压 Supply voltage	250 V AC/DC			
额定电流 Current per contact (40°C)	4A			
防护等级 Protection	IP67-插孔插针配合拧紧(EN 60529) When plugged and screwed down			
拔插寿命 (次) Pull out plug life (time)	≥ 100			
温度范围 Temperature range	-25...+85℃			
尺寸图 Description				

面板引入连接器
Control cabinet entry system

屏蔽 Shielded

1 型号 Form No.				
极数 Suppression	5-pole	5-pole, B-coded	4-pole, D-coded	8-pole
电路图 Circuit diagram				
针脚排序 Contact layout				
2 技术参数 Technical data				
额定电压 Supply voltage	125 V AC/DC			
额定电流 Current per contact (40°C)	4A			
防护等级 Protection	IP67-插孔插针配合拧紧(EN 60529) When plugged and screwed down			
温度范围 Temperature range	-25...+85℃			
尺寸图 Description				

P-03 附件 ACCESSORIES

电缆标识附件 Labeling accessories		适用范围 Suitable for
	M8 母头塑料保护盖 Plastic screw plug	
	M12 公头塑料保护盖 Male blind plug (Plastic) M12 母头塑料保护盖 Female blind plug (Plastic)	
	滑动电缆套管 Slip-on cable sleeves 4x18 mm	电缆直径 4.0...6.5 mm Cable diameter 4.0...6.5 mm
	可拆卸电缆套管 Snap-on cable sleeves 4x18 mm	电缆直径 4.2...7.0 mm Cable diameter 4.2...7.0 mm
	标识板 Label plates 4x18 mm	
	M12 连接器预铸线安装扳手	
	M12 连接器现场接线安装扳手	

连接器固定器

名称 Identification	型号 Type	应用图
SHD 连接器固定器 适用于 M8 预铸线 M4 螺丝	SHD 8 4	 M8 预铸线
SHD 连接器固定器 适用于 M8 现场接线与 M12 预铸线 M4 螺丝	SHD 12 4	 M8 现场接线  M12 预铸线

客户订制 Custom customization

- M12 Y 型直出 - 2M12 插孔直出



P-04 Y T 型连接器 ROUND PLUG CONNECTOR

Y 型连接器 Connection cable



M12 双孔连接器
M12 插针 Male
M12 插孔 Female

页次 page 3.3.1

Y 型连接器 Connection cable



1 端口 Coupler
M12 插针 Male
M12 插孔 Female

2 端口 Coupler
M12 插孔 Female
M12 插针 Male

页次 page 3.3.2



1 端口 Coupler
M12 插针 Male

2 端口 Coupler
M8 插孔 Female

页次 page 3.3.3



1 端口 Coupler
M8 插针 Male

2 端口 Coupler
M8 插孔 Female

页次 page 3.3.4

T 型连接器 Connection cable



1 端口 Coupler
M12 插孔 Female

2 端口 Coupler
M12 插针 Male
M12 插孔 Female



M12 插针 Male

M12 插针 Male
M12 插孔 Female

页次 page 3.3.5



1 端口连接器 Power distributor
M12 插孔 Female

2 端口连接器 Power distributor
7/8" 插针 Male
7/8" 插孔 Female



7/8" 插孔 Female

7/8" 插针 Male
7/8" 插孔 Female

P-04 M12 Y 型连接器 CONNECTION

M12-2M8

M8 插孔 Female x 2



M12 插针 Male

1 型号 Form No.		
极数 Suppression	4-pole	3-pole
电路图 Circuit diagram		
针脚排序 Contact layout		
2 电缆类型 Cable type		
额定电压 Supply voltage	30 V AC/DC	
额定电流 (40°C) Current per contact	max. 4A	
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) IP67 when plugged and screwed down	
温度范围 Temperature range	-25...+85°C	
外形尺寸 Dimensions	H x W x D 42 x 36 x 15 mm	
尺寸图 Description		

P-04 M8 Y 型连接器 CONNECTION

M8-2M8

M8 插孔 Female x 2

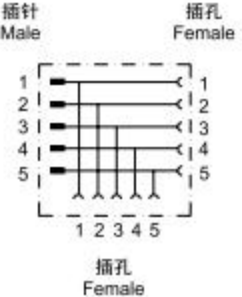
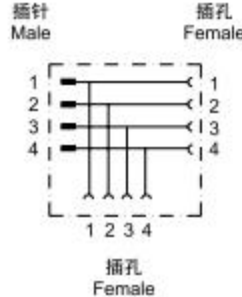
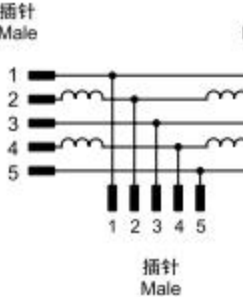
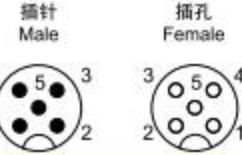
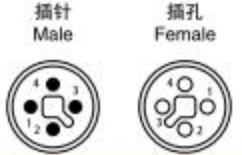
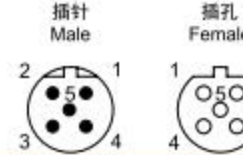


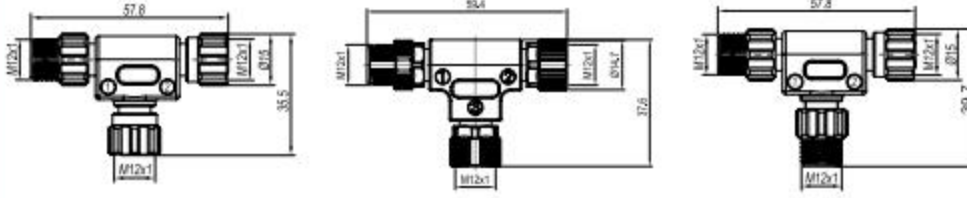
M8 插针 Male

1 型号 Form No.				
极数 Suppression	3-pole	3-pole	4-pole	4-pole
电路图 Circuit diagram				
针脚排序 Contact layout				
2 电缆类型 Cable type				
额定电压 Supply voltage	30 V AC/DC			
额定电流 (40°C) Current per contact	max. 2A			
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) IP67 when plugged and screwed down			
温度范围 Temperature range	-25...+85°C			
外形尺寸 Dimensions	H x W x D 33 x 23 x 10 mm			
尺寸图 Description				

P-04 T 型连接器 CONNECTION

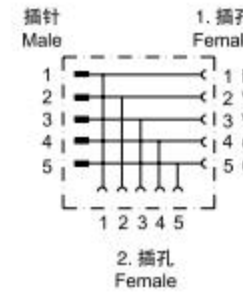
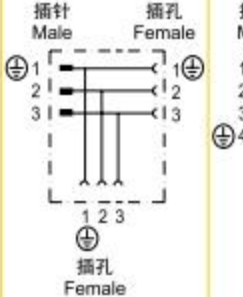
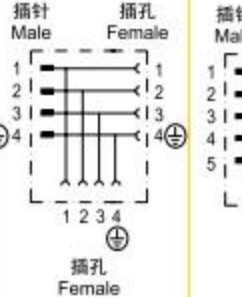
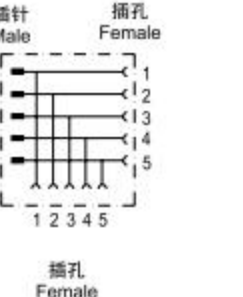
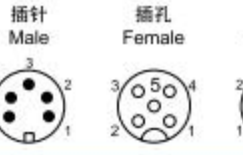
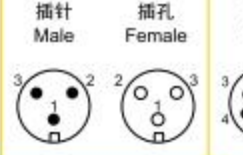
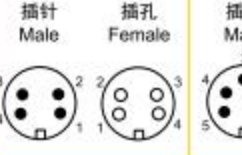
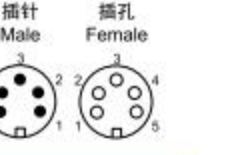
M12-2M12	M12 插针 Male	M12 插孔 Female	M12 T-code 插针 Male	M12 T-code 插孔 Female	屏蔽 Shield M12 插针 Male	M12 插孔 Female
						
	M12 插孔 Female		M12 T-code 插孔 Female		M12 插针 Male	

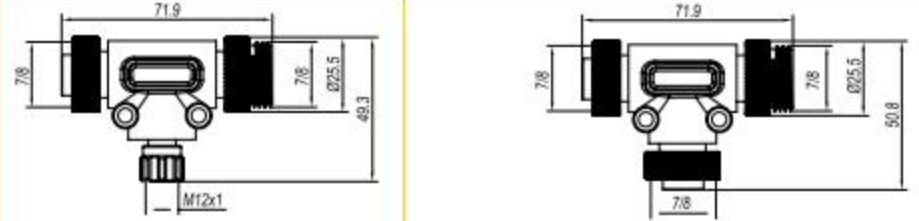
1 型号 Form No.			
极数 Suppression	5-pole	4-pole	5-pole
电路图 Circuit diagram			
针脚排序 Contact layout			

2 电缆类型 Cable type			
额定电压 Supply voltage	60 V AC/DC	63 V AC/DC	60 V AC/DC
额定电流 (40°C) Current per contact	max. 4A	max. 12A	max. 4A
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) IP67 when plugged and screwed down (EN 60529)		
温度范围 Temperature range	-25...+85°C		
尺寸图 Description			

P-04 T 型连接器 CONNECTION

DeviceNet 通讯 DeviceNet communications	7/8" 插针 Male	7/8" 插孔 Female	7/8" 插针 Male	7/8" 插孔 Female
				
	M12 插孔 Female		7/8" 插孔 Female	

1 型号 Form No.				
极数 Suppression	5-pole	3-pole	4-pole	5-pole
电路图 Circuit diagram				
针脚排序 Contact layout				

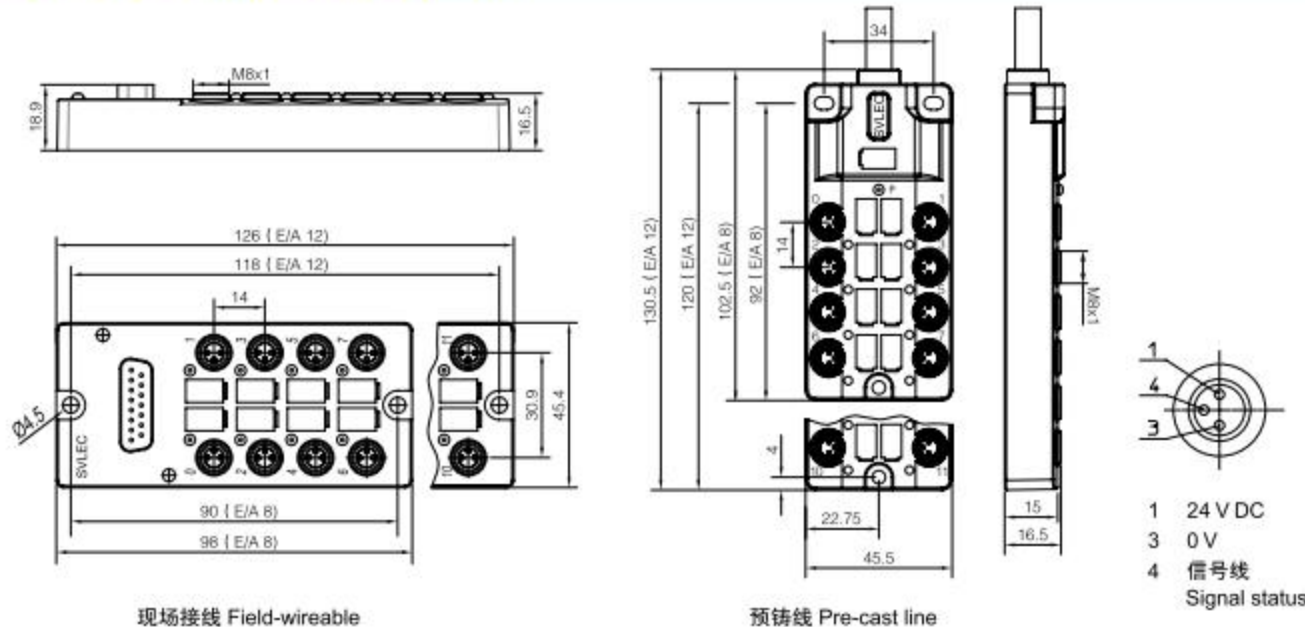
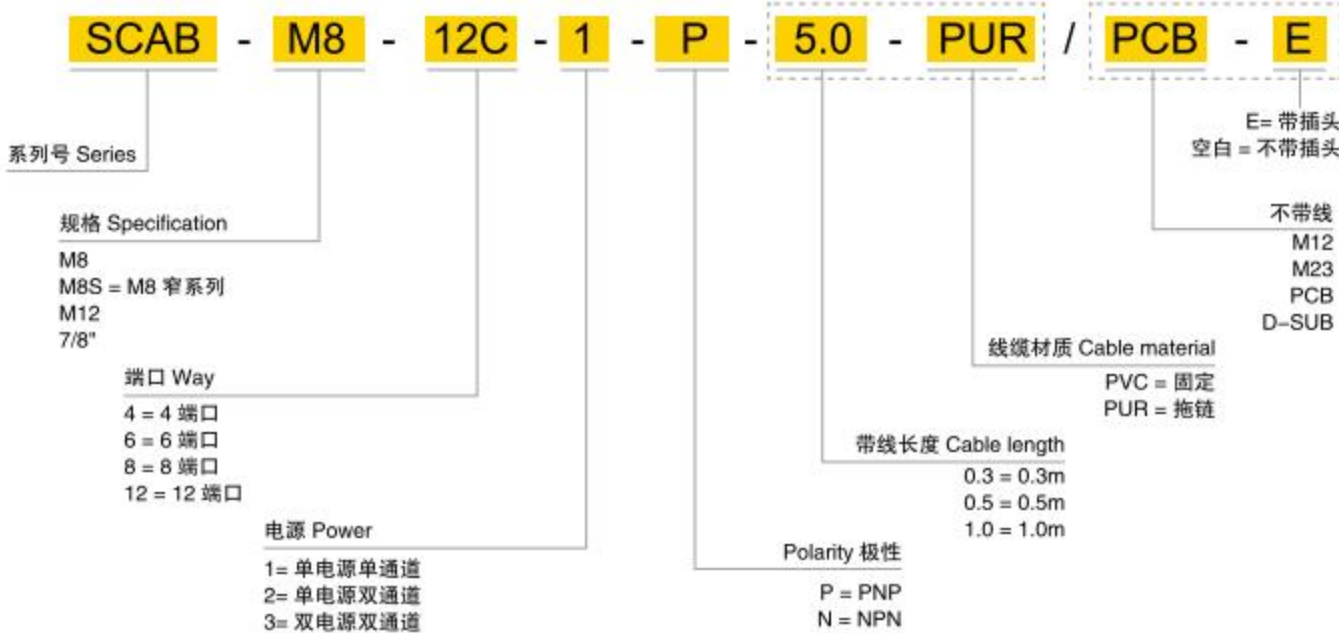
2 电缆类型 Cable type				
额定电压 Supply voltage	250 V AC/DC	600 V AC/DC		
额定电流 (40°C) Current per contact	max. 4A	max. 13A	max. 10A	max. 8A
防护等级 Protection	IP67- 插孔插针配合拧紧 (EN 60529) IP67 when plugged and screwed down (EN 60529)			
温度范围 Temperature range	-25...+85°C			
尺寸图 Description				

P-05 传感器 / 执行机构分配器 For sensors and actuators

P-05 分配器技术参数 TECHNICAL DATA - DISTRIBUTION SYSTEMS

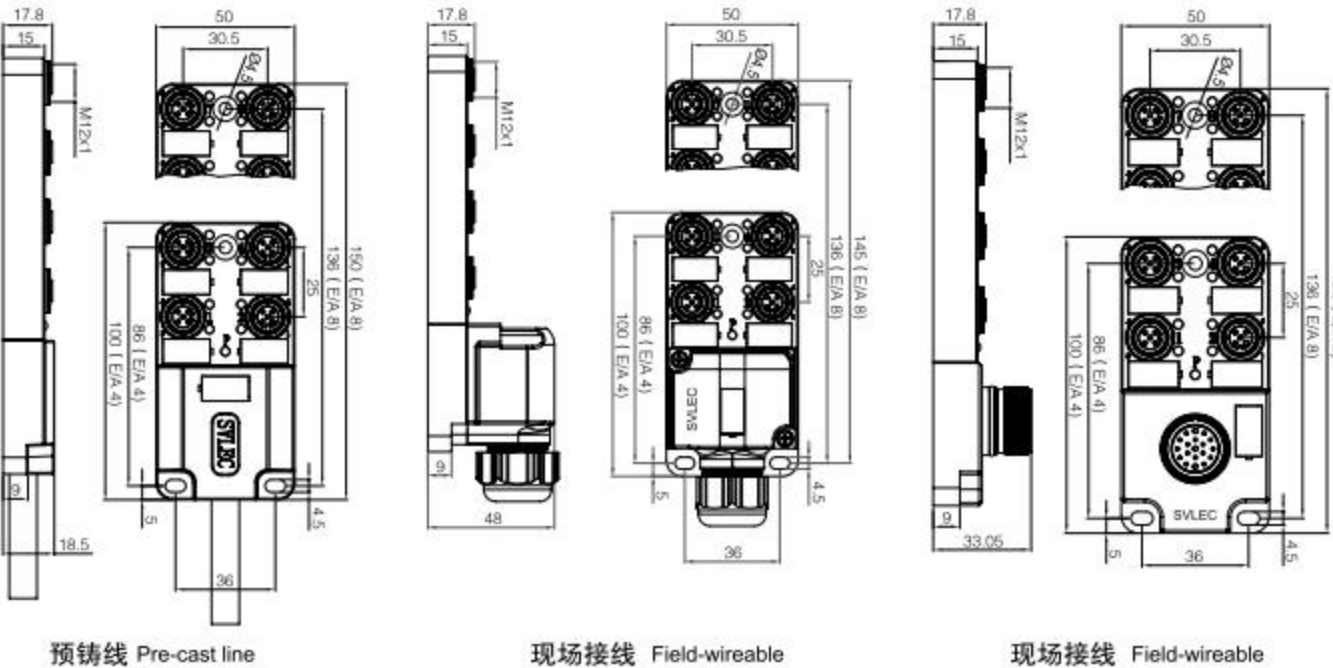
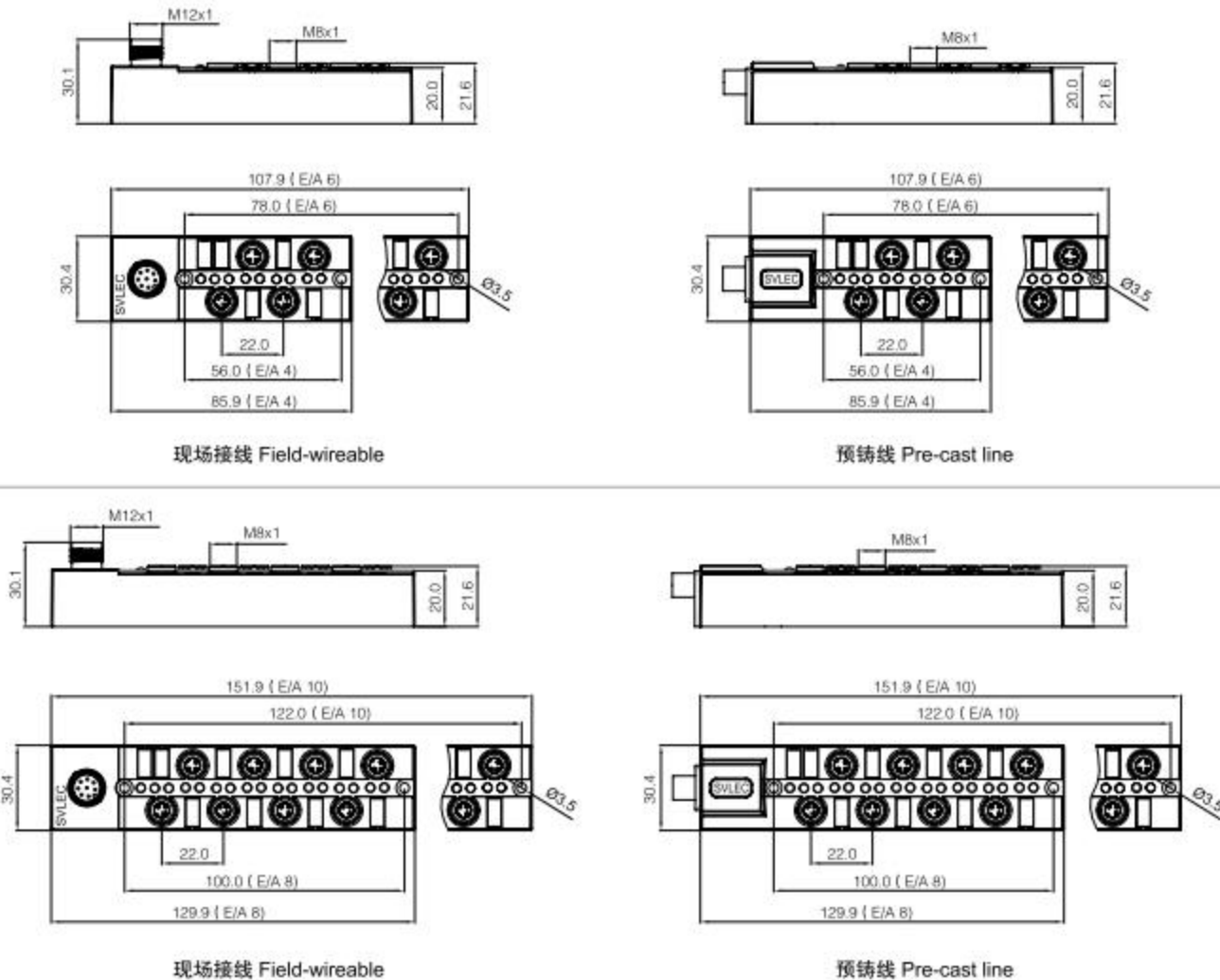
分配器定义 Distribution systems

M8 分配器安装尺寸 Distribution systems

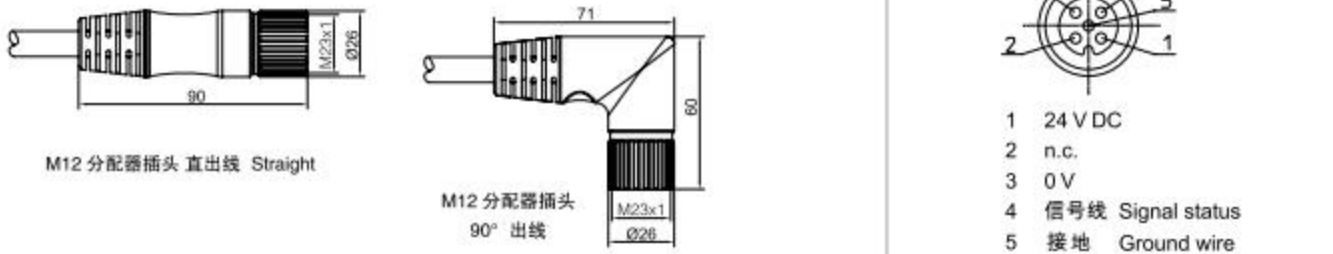


M8 分配器安装尺寸 Distribution systems

M12 分配器安装尺寸 Distribution systems



分配器插头外形尺寸 Distributor plug size shape



P-05 M8 分配器 – 预铸电缆 DISTRIBUTION SYSTEMS

无卤电缆 PUR
Halogen free cable PUR
or PUR/PVC

单通道
1 signal per port

4 端口 Way



6 端口 Way



1 型号 Form

PNP
NPN

电路图
Circuit diagram

针脚定义:
Contact layout

Pin 1: (+)
Pin 3: (-)
Pin 4: (S1)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal

M8 插孔 Female
3-pole

PNP
4xM8

NPN
4xM8

PNP
6xM8

NPN
6xM8

2 电缆类型 Cable type

电缆线经 Wires

	灰 GY	灰 GY
PVC	$4 \times 0.25 + 2 \times 0.5\text{mm}^2$	
PUR	$4 \times 0.25 + 2 \times 0.5\text{mm}^2$	$6 \times 0.25\text{mm}^2 + 2 \times 0.5\text{mm}^2$

3 电缆长度 Cable length

3.0 m	
5.0 m	
10.0 m	
15.0 m	

P-05 M8 分配器 – 预铸电缆 DISTRIBUTION SYSTEMS

无卤电缆 PUR
Halogen free cable PUR
or PUR/PVC

单通道
1 signal per port

8 端口 Way



10 端口 Way



1 型号 Form

PNP
NPN

电路图
Circuit diagram

针脚定义:
Contact layout

Pin 1: (+)
Pin 3: (-)
Pin 4: (S1)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal

M8 插孔 Female
3-pole

PNP
8xM8

NPN
8xM8

PNP
10xM8

NPN
10xM8

2 电缆类型 Cable type

电缆线经 Wires

	灰 GY	灰 GY
PVC	$8 \times 0.25 + 2 \times 0.5\text{mm}^2$	$12 \times 0.25 + 2 \times 0.5\text{mm}^2$
PUR	$8 \times 0.25 + 2 \times 0.5\text{mm}^2$	$12 \times 0.25 + 2 \times 0.5\text{mm}^2$
低温	$8 \times 0.25 + 2 \times 0.5\text{mm}^2$	

3 电缆长度 Cable length

3.0 m	
5.0 m	
10.0 m	
15.0 m	

P-05 M8 分配器 – 预铸电缆 DISTRIBUTION SYSTEMS

无卤电缆 PUR
Halogen free cable PUR
or PUR/PVC
单通道
1 signal per port

8 端口 Way



12 端口 Way



1 型号 Form

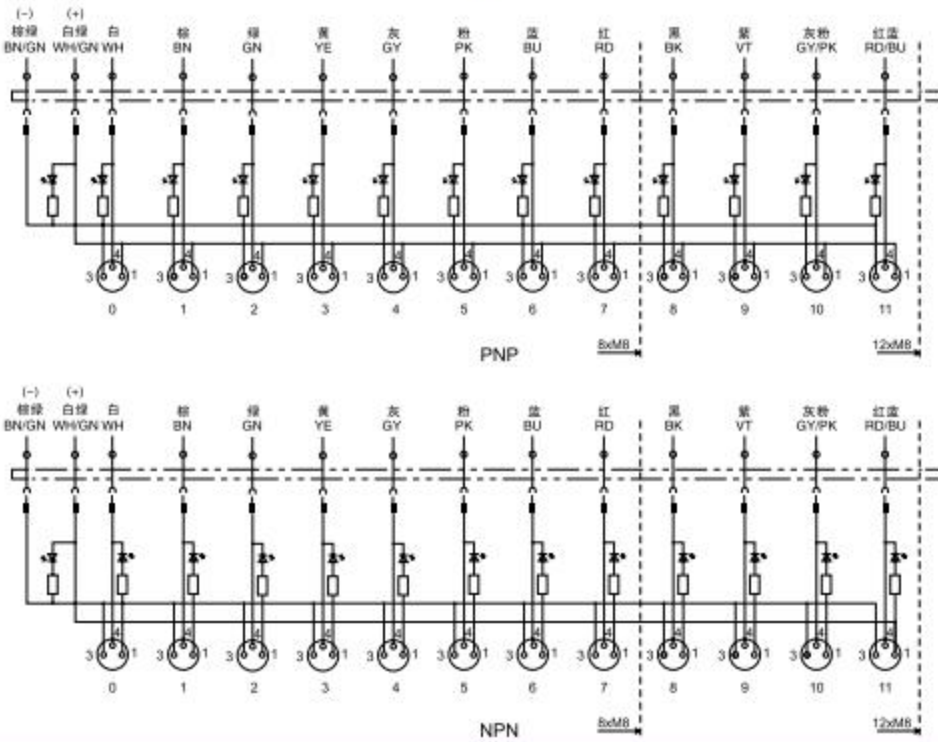
PNP
NPN

电路图
Circuit diagram

针脚定义:
Contact layout

Pin 1: (+)
Pin 3: (-)
Pin 4: (S1)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal



2 电缆类型 Cable type 电缆线径 Wires

	灰 GY	灰 GY
PVC	$8 \times 0.25 + 2 \times 0.5\text{mm}^2$	$12 \times 0.25 + 2 \times 0.5\text{mm}^2$
PUR	$8 \times 0.25 + 2 \times 0.5\text{mm}^2$	$12 \times 0.25 + 2 \times 0.5\text{mm}^2$

3 电缆长度 Cable length

3.0 m	
5.0 m	
10.0 m	
15.0 m	

P-05 M8 分配器 – 预铸电缆 DISTRIBUTION SYSTEMS

无卤电缆 PUR
Halogen free cable PUR
or PUR/PVC
双通道
2 signals per port

8 端口 Way



12 端口 Way



1 型号 Form

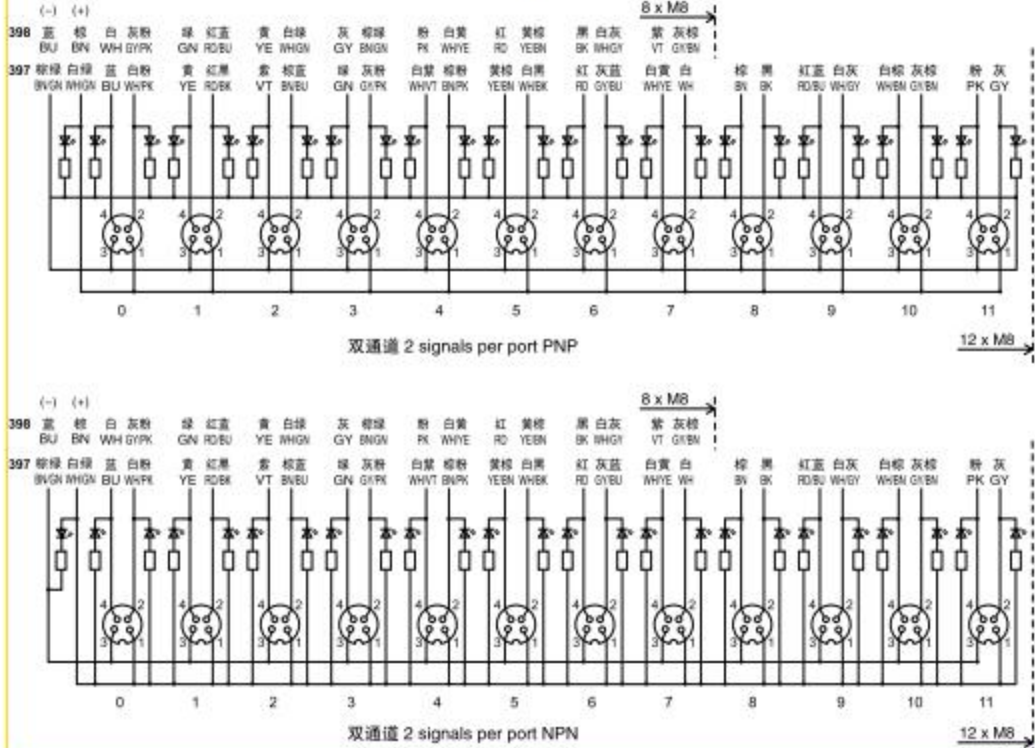
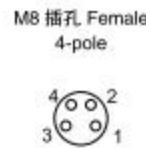
PNP
NPN

电路图
Circuit diagram

针脚定义:
Contact layout

Pin 1: (+)
Pin 2: (S2)
Pin 3: (-)
Pin 4: (S1)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (蓝)
blue, signal
信号 S2 (红)
red, signal



2 电缆类型 Cable type 电缆线径 Wires

	灰 GY	灰 GY
PVC	$16 \times 0.34 + 3 \times 0.75\text{mm}^2$	
PUR		$24 \times 0.25 + 2 \times 0.5\text{mm}^2$

3 电缆长度 Cable length

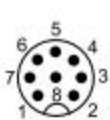
3.0 m	
5.0 m	
10.0 m	
15.0 m	

P-05 M8 分配器 DISTRIBUTION SYSTEMS

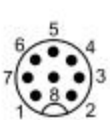
预制插头
Pre-cast connector

单通道
1 signal per port

4 端口 Way



6 端口 Way



1 型号 Form

PNP

NPN



型号 Form

PNP

NPN

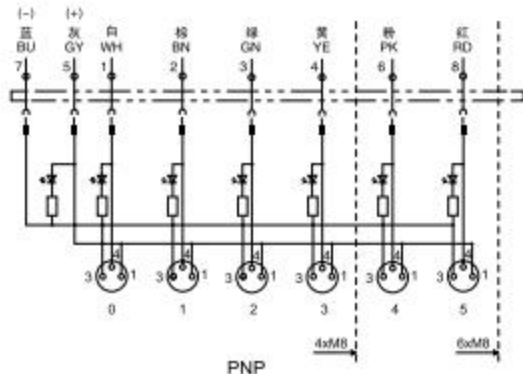
插头适用电缆直径 Homerun cable 6.0...8.0mm

电路图
Circuit diagram

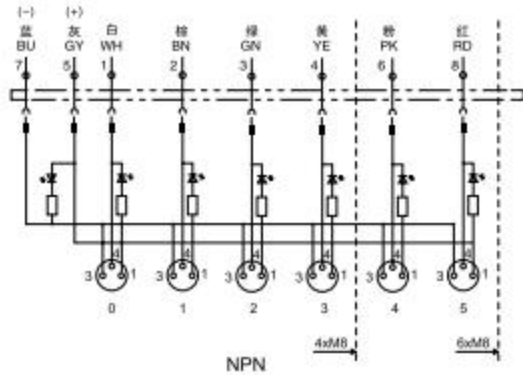
针脚定义:
Contact layout

Pin 1: (+)
Pin 3: (-)
Pin 4: (S1)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal



PNP



NPN



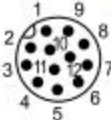
备注 Notes

P-05 M8 分配器 DISTRIBUTION SYSTEMS

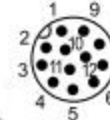
预制插头
Pre-cast connector

单通道
1 signal per port

8 端口 Way



10 端口 Way



1 型号 Form

PNP

NPN

980805

980803

981002

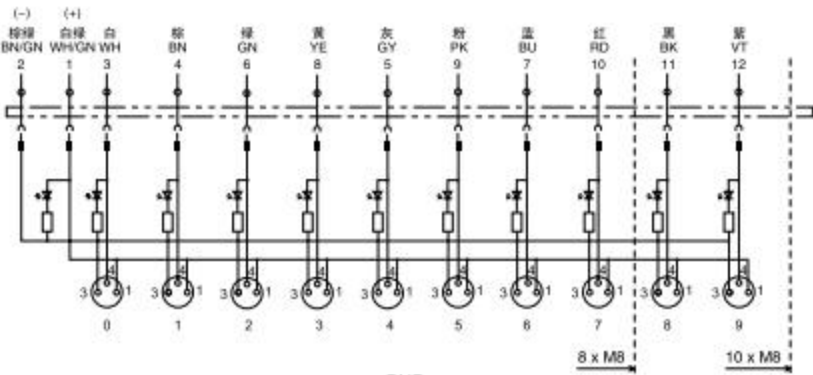
981003

电路图
Circuit diagram

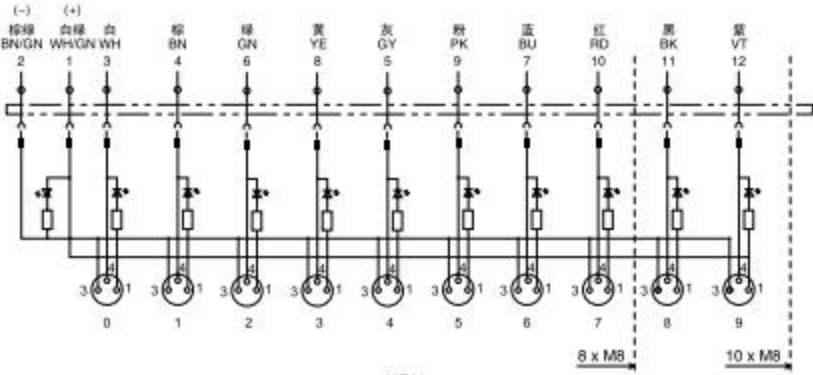
针脚定义:
Contact layout

Pin 1: (+)
Pin 3: (-)
Pin 4: (S1)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal



PNP



NPN



2 技术参数 Technial data

额定电压 Supply voltage	24 V DC (18...30.2V DC)
额定电流 Combined current	2A
防护等级 Protection	IP67
温度范围 Temperature range	-20...+70℃

P-05 M8 分配器 DISTRIBUTION SYSTEMS

预制插头
Pre-cast connector

单通道
1 signal per port

8 端口 Way



12 端口 Way



1 型号 Form

PNP
NPN



型号 Form

PNP
NPN

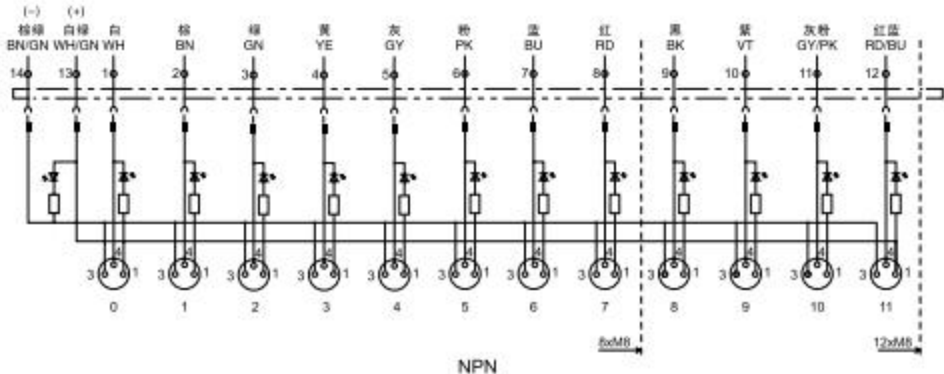
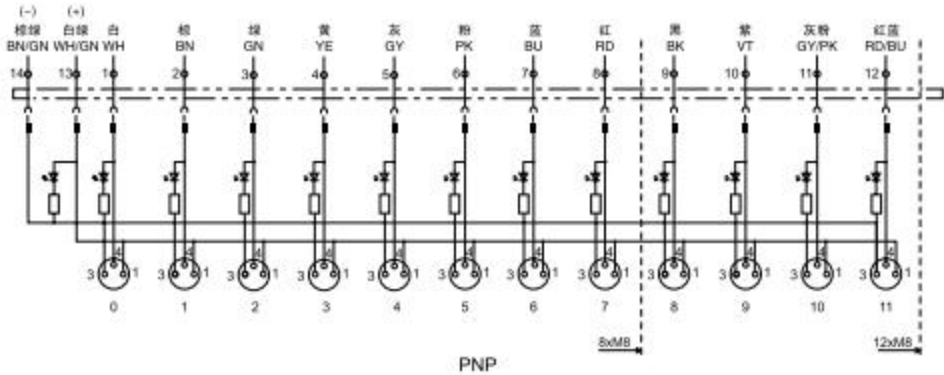
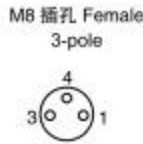
插头适用电缆直径 Homerun cable 6.0~12.0mm

电路图
Circuit diagram

针脚定义:
Contact layout

Pin 1: (+)
Pin 3: (-)
Pin 4: (S1)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal



P-05 M8 分配器 - 预铸电缆 DISTRIBUTION SYSTEMS

插头线束
Plug wire harness

4 端口 Way
6 端口 Way



8 端口 Way
10 端口 Way



8 端口 Way



12 端口 Way



1 型号 Form

极数
Suppression

8-pole

8-pole

12-pole

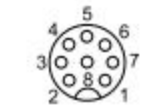
12-pole

10-pole

15-pole

电路图
Circuit diagram

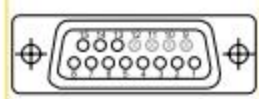
M12 插孔 Female



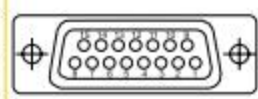
插孔 Female



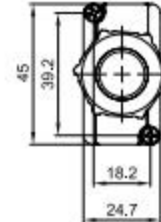
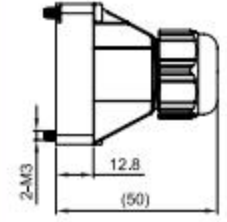
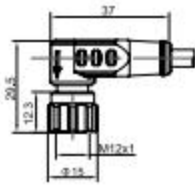
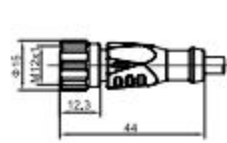
D-SUB 插孔 Female



D-SUB 插孔 Female



尺寸图 Description



2 电缆类型 Cable type

电缆线经 Wires

	灰 GY	灰 GY	灰 GY	灰 GY
PVC	/	$12 \times 0.25+2 \times 0.5\text{mm}^2$	$8 \times 0.25+2 \times 0.5\text{mm}^2$	$12 \times 0.25+2 \times 0.5\text{mm}^2$
PUR	$\times 0.25+2 \times 0.5\text{mm}^2$	$12 \times 0.25+2 \times 0.5\text{mm}^2$	$8 \times 0.25+2 \times 0.5\text{mm}^2$	$12 \times 0.25+2 \times 0.5\text{mm}^2$

3 电缆长度 Cable length

3.0 m

5.0 m

10.0 m

15.0 m

无电缆 Without cable

M12/DB 插入式接线插头
M12 / DB plug-in connector plugs
插头适用电缆直径
Plug for cable diameter

6-8 mm

6-12 mm

P-06 M12 分配器 – 预铸电缆 DISTRIBUTION SYSTEMS

- 24V PNP
- 24V NPN
- without LED 125 V AC/DC
- 单通道
- 1 signal per port

4 端口 Way

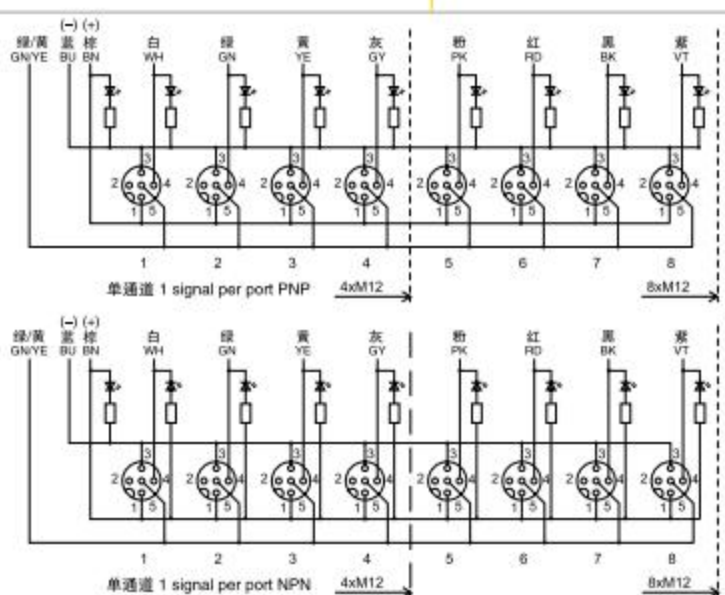


8 端口 Way



1 型号 Form

PNP
NPN
Without LED
电路图
Circuit diagram
针脚定义:
Contact layout
Pin 1: (+)
Pin 3: (-)
Pin 4: (S1)
Pin 4: (PE)
LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal



2 电缆类型 Cable type

电缆线径 Wires

	灰 GY	灰 GY
PVC	$4 \times 0.34 + 3 \times 0.75 \text{mm}^2$	$8 \times 0.34 + 3 \times 0.75 \text{mm}^2$
PUR		$8 \times 0.34 + 3 \times 0.75 \text{mm}^2$

3 电缆长度 Cable length

3.0 m	
5.0 m	
10.0m	
15.0m	

技术参数 Technial data

额定电压 Supply voltage	24 V DC
额定电流 Combined current	4A
防护等级 Protection	IP67
温度范围 Temperature range	-20...+70℃

P-06 M12 分配器 – 预铸电缆 DISTRIBUTION SYSTEMS

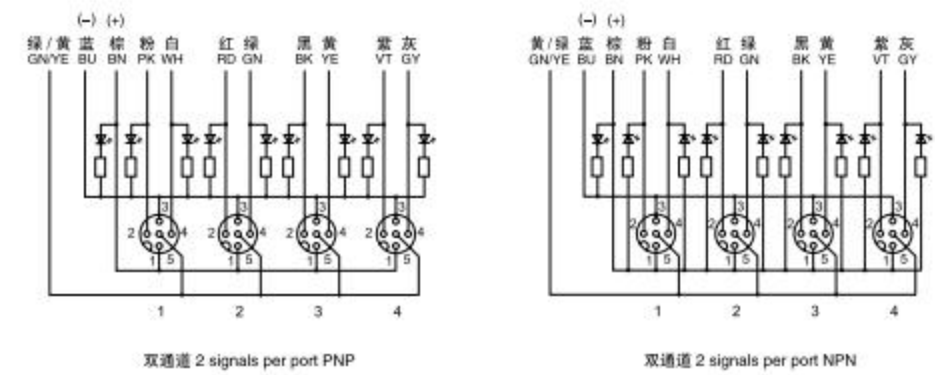
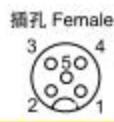
- 24V PNP
- 24V NPN
- 无 LED 125 V AC / DC
- 双通道
- 2 signals per port

4 端口 Way



1 型号 Form

PNP
NPN
Without LED
电路图
Circuit diagram
针脚定义:
Contact layout
Pin 1: (+)
Pin 2: (S2)
Pin 3: (-)
Pin 4: (S1)
Pin 5: (PE)
LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal
信号 S2 (白)
white, signal



2 电缆类型 Cable type

电缆线径 Wires

	灰 GY
PVC	$8 \times 0.34 + 3 \times 0.75 \text{mm}^2$
PUR	$8 \times 0.34 + 3 \times 0.75 \text{mm}^2$

3 电缆长度 Cable length

3.0 m	
5.0 m	
10.0m	
15.0m	

技术参数 Technial data

额定电压 Supply voltage	24 V DC
额定电流 Combined current	4A
防护等级 Protection	IP67
温度范围 Temperature range	-20...+70℃

P-06 M12 分配器 – 预铸电缆 DISTRIBUTION SYSTEMS

- 24V PNP
- 24V NPN
- 无 LED 125 V AC / DC
- 双通道
2 signals per port

8 端口 Way



1 型号 Form

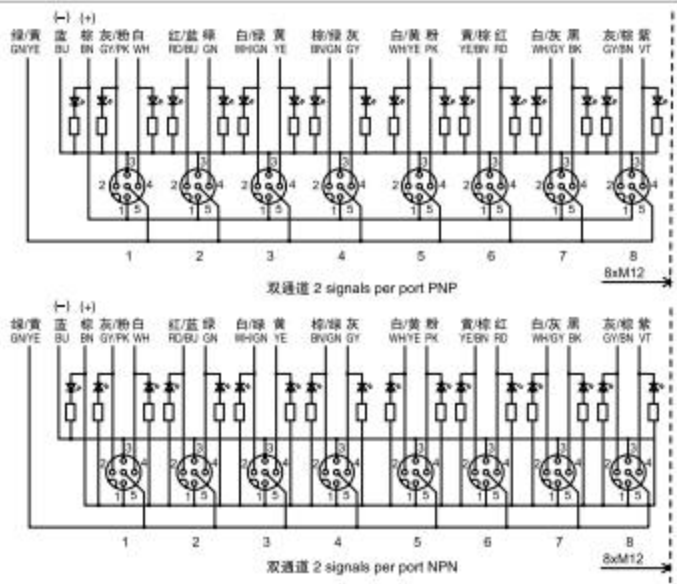
- PNP
- NPN
- Without LED

电路图
Circuit diagram

针脚定义:
Contact layout

- Pin 1: (+)
- Pin 2: (S2)
- Pin 3: (-)
- Pin 4: (S1)
- Pin 5: (PE)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal
信号 S2 (白)
white, signal



2 电缆类型 Cable type

电缆线径 Wires

PVC	16 × 0.34+3 × 0.75mm ²
PUR	16 × 0.34+3 × 0.75mm ²

3 电缆长度 Cable length

- 3.0 m
- 5.0 m
- 10.0m
- 15.0m

技术参数 Technial data

额定电压 Supply voltage	24 V DC
额定电流 Combined current	4A
防护等级 Protection	IP67
温度范围 Temperature range	-20...+70℃

P-06 M12 分配器 DISTRIBUTION SYSTEMS

- M23 预制插头
With plug connector
- 24V PNP
- 24V NPN
- 无 LED 125 V AC / DC
- 单通道
1 signal per port

4 端口 Way



8 端口 Way



1 型号 Form

- PNP
- NPN
- Without LED

电路图
Circuit diagram

针脚定义:
Contact layout

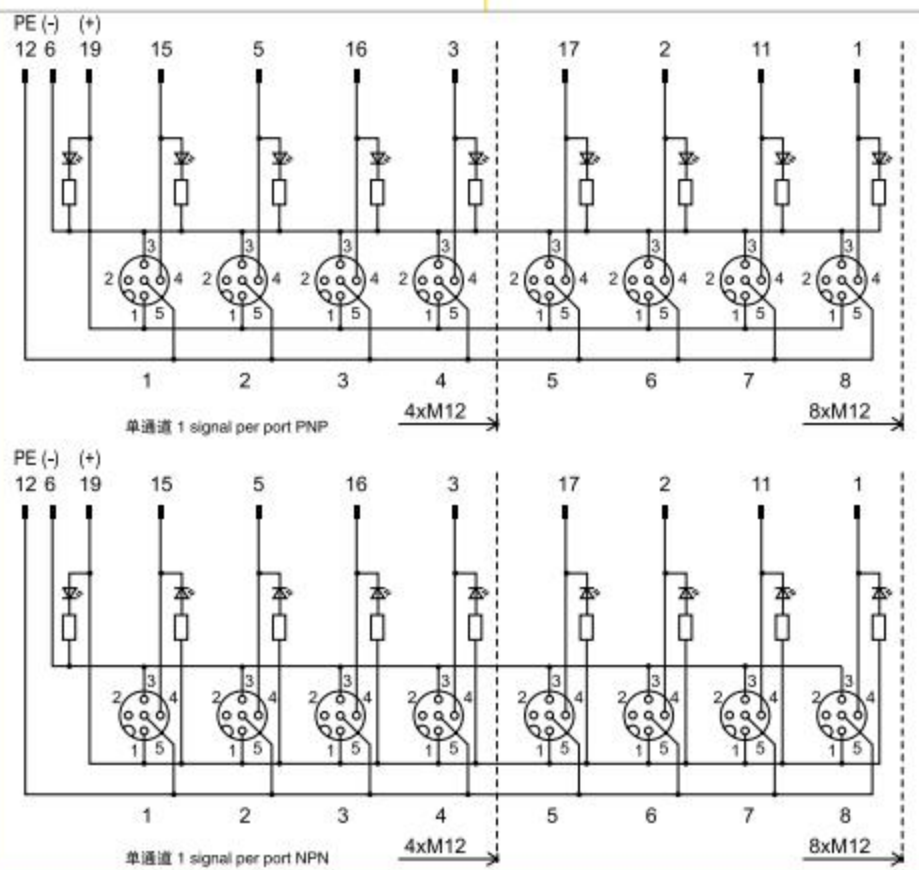
- Pin 1: (+)
- Pin 3: (-)
- Pin 4: (S1)
- Pin 5: (PE)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal

M12 插孔 Female
4-pole



M23 插针 Male
19-pole



2 技术参数 Technial data

额定电压 Supply voltage	24 V DC
额定电流 Combined current	4A
防护等级 Protection	IP67
温度范围 Temperature range	-20...+70℃

P-06 M12 分配器 DISTRIBUTION SYSTEMS

M23 预制插头
With plug connector
-24V PNP
-24V NPN
- 无 LED 125 V AC / DC
- 双通道
2 signals per port

4 端口 Way



8 端口 Way



1 型号 Form

PNP
NPN
Without LED

电路图
Circuit diagram

针脚定义:
Contact layout

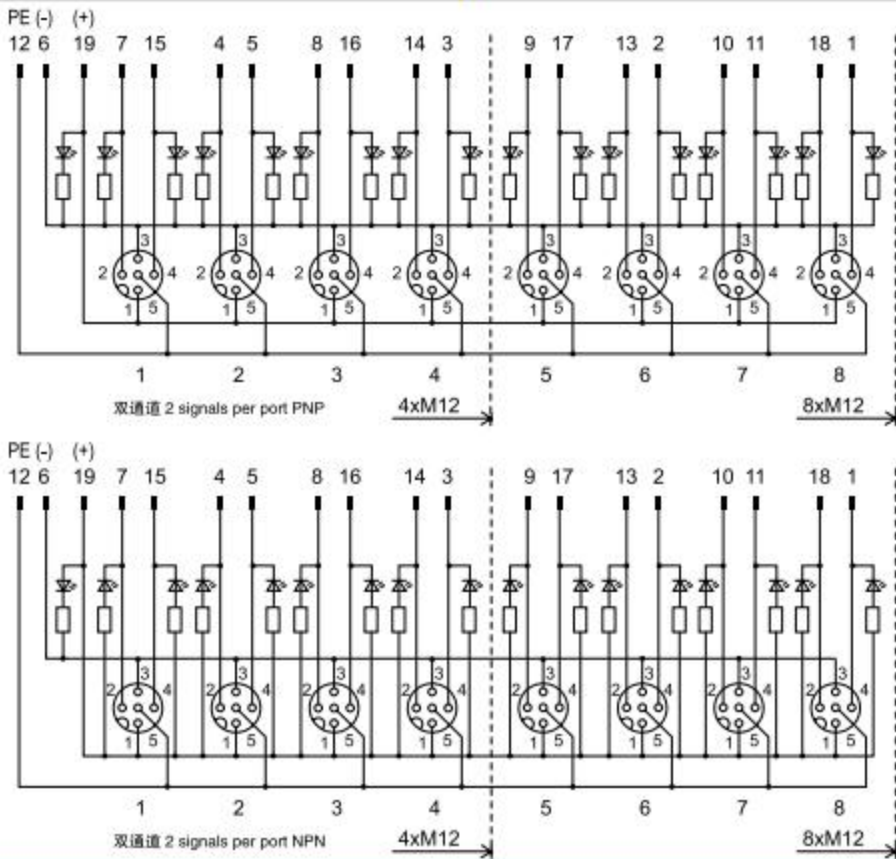
Pin 1: (+)
Pin 2: (S2)
Pin 3: (-)
Pin 4: (S1)
Pin 5: (PE)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal
信号 S2 (白)
white, signal

M12 插孔 Female
5-pole



M23 插针 Male
19-pole

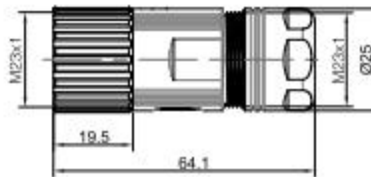


2 技术参数 Technial data

额定电压 Supply voltage	24 V DC
额定电流 Combined current	4A
防护等级 Protection	IP67
温度范围 Temperature range	-20...+70℃

P-06 M12 分配器 DISTRIBUTION SYSTEMS

M23 预制插头
plug connector



电缆长度 (4 端口) Cabel length (4-way)	No. (单通道) No.(for 1 signal per port)	No. (双通道) No.(for 2 signal per port)	No. (双通道) No.(for 2 signal per port)
电缆类型 Cable type	PUR/PVC	PUR/PVC	PUR(UL/CSA) 无卤阻燃电缆 halogen free
3.0 m			
5.0 m			
10.0m			
15.0m			
线径 Wire diameter	4 x 0.34/3 x 0.75mm ²	8 x 0.34/3 x 0.75mm ²	8 x 0.5/3 x 1.0mm ²
电缆 Cable NO.			
电缆长度 (8 端口) Cabel length (8-way)	No. (单通道) No.(for 1 signal per port)	No. (双通道) No.(for 2 signal per port)	No. (双通道) No.(for 2 signal per port)
电缆类型 Cable type	PUR/PVC	PUR/PVC	PUR(UL/CSA) 无卤阻燃电缆 halogen free
3.0 m			
5.0 m			
10.0m			
15.0m			
线径 Wire diameter	8 x 0.34/3 x 0.75 mm ²	16 x 0.34/3 x 0.75mm ²	16 x 0.5/3 x 1.0mm ²
电缆 Cable NO.			
电路图 Circuit diagram	 (4 端口单通道) 4-way for 1 signal per port	 (4 端口双通道) 4-way for 2 signal per port	 (8 端口单通道) 8-way for 1 signal per port
M23 插孔 Female 19-pole	 (8 端口双通道) 8-way for 2 signal per port		
无电缆 Without cable	No. (4 端口单通道)	No. (4 端口双通道)	
M12/DB 插入式接线端口 M12 / DB plug-in connection ports			
无电缆 Without cable	No. (8 端口单通道)	No. (8 端口双通道)	
M12/DB 插入式接线端口 M12 / DB plug-in connection ports			
插头适用电缆直径 Plug for cable diameter	7-14mm		

P-06 M12 分配器 M23 预铸线 ROUND PLUG CONNECTOR

预铸线 pre-cast connector 19-pole 单通道 1 signal per port	插孔 Female 直出 Straight 4 端口 Way	插孔 Female 直出 Straight 8 端口 Way
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1 型号 Form	插孔 Female 90° 4 端口 Way	插孔 Female 90° 8 端口 Way
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型号 Form	7-pole	11-pole
极数 Suppression		
电路图 Circuit diagram		
针脚排序 Contact layout	M23 插孔 Female 7-pole 	M23 插孔 Female 11-pole

2 电缆类型 Cable type	护套颜色 Jacket color	
线径 Wire	灰 GY	灰 GY
PVC 4 x 0.34 / 3 x 0.75mm²	4 x 0.34+3 x 0.75mm²	8 x 0.34+3 x 0.75mm²
PUR 0.5/01.0mm²		8 x 0.34+3 x 0.75mm²

3 电缆长度 Cable length	
5.0 m	
10.0 m	
15.0 m	

P-06 M12 分配器 M23 预铸线 ROUND PLUG CONNECTOR

预铸线 pre-cast connector 19-pole 双通道 2 signals per port	插孔 Female 直出 Straight 4 端口 Way	插孔 Female 直出 Straight 8 端口 Way
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1 型号 Form	插孔 Female 90° 4 端口 Way	插孔 Female 90° 8 端口 Way
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型号 Form	11-pole	19-pole
极数 Suppression		
电路图 Circuit diagram		
针脚排序 Contact layout	M23 插孔 Female 11-pole 	M23 插孔 Female 19-pole

2 电缆类型 Cable type	护套颜色 Jacket color	
线径 Wire	灰 GY	灰 GY
PVC 0.34 / 0.75mm²	8 x 0.34+3 x 0.75mm²	16 x 0.34+3 x 0.75mm²
PUR 0.5/01.0mm²	8 x 0.34+3 x 0.75mm²	16 x 0.34+3 x 0.75mm²

3 电缆长度 Cable length	
5.0 m	
10.0 m	
15.0 m	

P-06 M12 分配器 DISTRIBUTION SYSTEMS

PCB 端子
PCB terminals
-24V PNP
-24V NPN
- 无 LED 125 V AC / DC
- 单通道
1 signal per port

4 端口 Way



8 端口 Way



1 型号 Form

PNP
NPN
Without LED



1 型号 Form

螺钉压接插头 Spring clamp plug-in terminals

PNP
NPN
Without LED

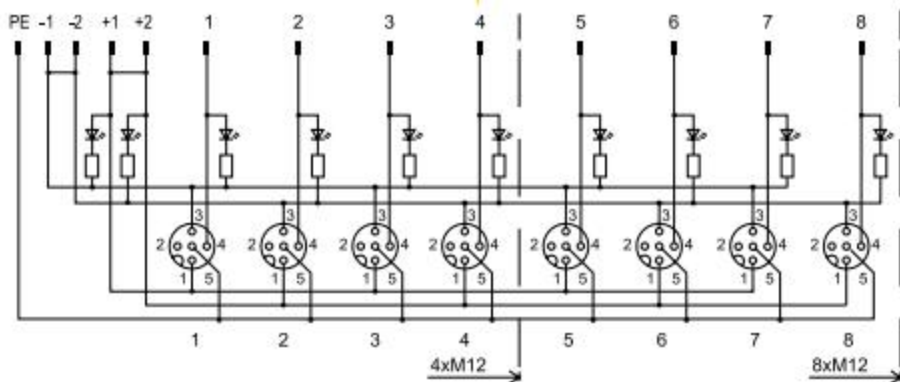
电路图
Circuit diagram

针脚定义:
Contact layout

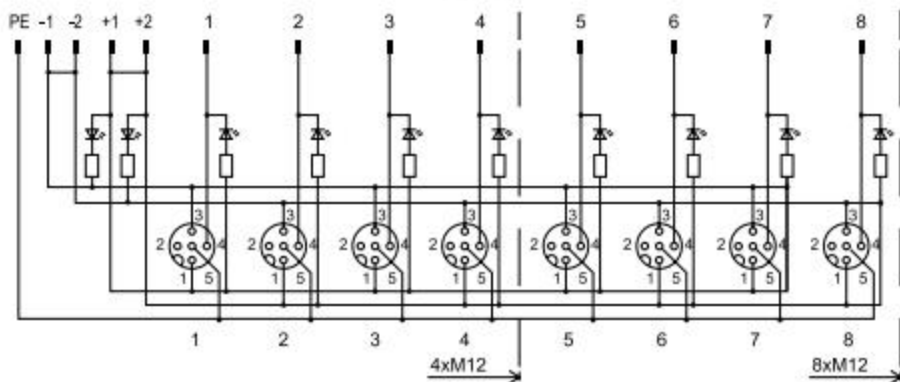
Pin 1: (+)
Pin 3: (-)
Pin 4: (N/O)/(S1)
Pin 5: (PE)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal

插孔 Female



单通道 1 signal per port PNP



单通道 1 signal per port NPN

P-06 M12 分配器 DISTRIBUTION SYSTEMS

PCB 端子
PCB terminals
-24V PNP
-24V NPN
- 无 LED 125 V AC / DC
- 双通道
2 signals per port

4 端口 Way



8 端口 Way



1 型号 / Form

PNP
NPN
Without LED



1 型号 Form

螺钉压接插头 Spring clamp plug-in terminals

PNP
NPN
Without LED

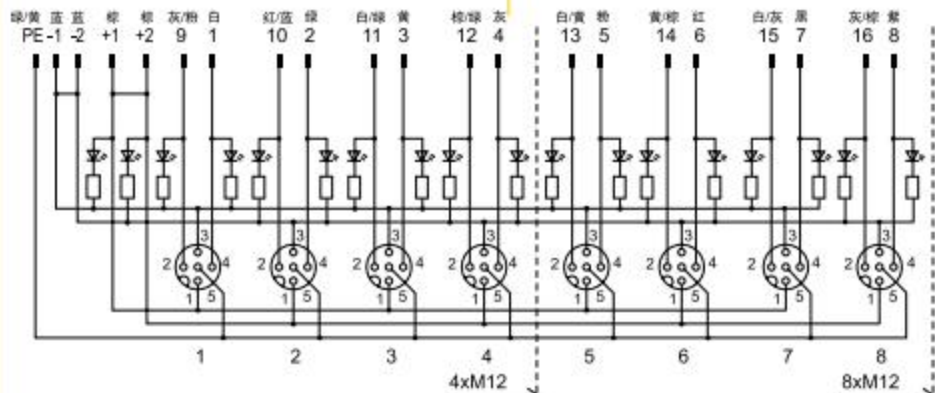
电路图
Circuit diagram

针脚定义:
Contact layout

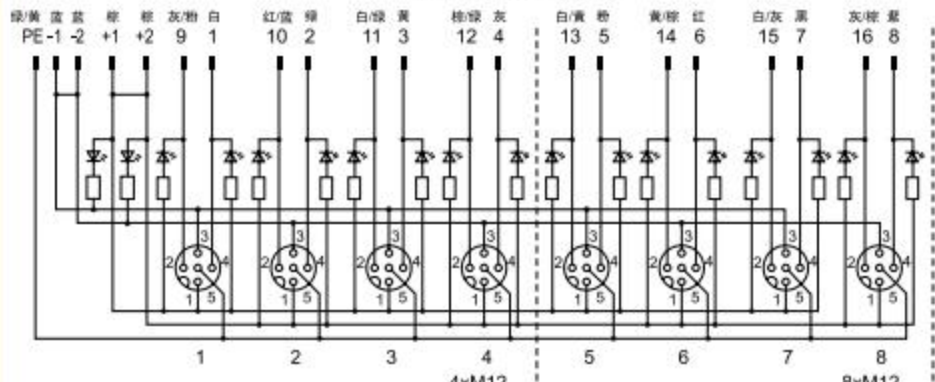
Pin 1: (+)
Pin 2: (N/C)/(S2)
Pin 3: (-)
Pin 4: (N/O)/(S1)
Pin 5: (PE)

LED 显示: 电源 (绿)
LED indicator: green, power
信号 S1 (黄)
yellow, signal
信号 S2 (白)
white, signal

插孔 Female



双通道 2 signals per port PNP



双通道 2 signals per port NPN

P-06 M12 分配器 DISTRIBUTION SYSTEMS

现场接线插头
Field-wireable connection cap

预制线螺丝压接线端子
Screw plug-in terminals

带线插头 Pre-wired with



4 端口 Way	No. (单通道 for 1 signal per port)	No. (双通道 for 2 signal per port)	No. (双通道 for 2 signal per port)
电缆类型 Cable type	PUR/PVC	PUR/PVC	PUR(UL/CSA) 无卤阻燃电缆 halogen free
3.0 m			
5.0 m			
10.0m			
15.0m			
线径 Wire diameter	4 × 0.34+3 × 0.75mm ²	8 × 0.34+3 × 0.75mm ²	8 × 0.5+3 × 1.0mm ²
电缆 Cable NO.			

8 端口 Way	No. (单通道 for 1 signal per port)	No. (双通道 for 2 signal per port)	No. (双通道 for 2 signal per port)
电缆类型 Cable type	PUR/PVC	PUR/PVC	PUR(UL/CSA) 无卤阻燃电缆 halogen free
3.0 m			
5.0 m			
10.0m			
15.0m			
线径 Wire diameter	8 × 0.34+3 × 0.75mm ²	16 × 0.34+3 × 0.75mm ²	16 × 0.5+3 × 1.0mm ²
电缆 Cable NO.			

无电缆 Without cable



4 端口 Way	No. (单通道 for 1 signal per port)	No. (双通道 for 2 signal per port)
螺丝插入式接线端口 With screw plug-in terminals		
插头适用电缆直径 Plug for cable diameter	8.5...14.0mm	

8 端口 Way	No. (单通道 for 1 signal per port)	No. (双通道 for 2 signal per port)
螺丝插入式接线端口 With screw plug-in terminals		
插头适用电缆直径 Plug for cable diameter	8.5...14.0mm	

P-06 M12 分配器 DISTRIBUTION SYSTEMS

双电源 Dual power supply
现场接线 Field wiring
带插座 Screw plug-in or
螺钉压接插头 Spring clamp plug-in terminals

4 端口 Way



8 端口 Way



1 型号 Form

螺钉压接插头 spring clamp plug-in terminals

PNP

NPN

电路图

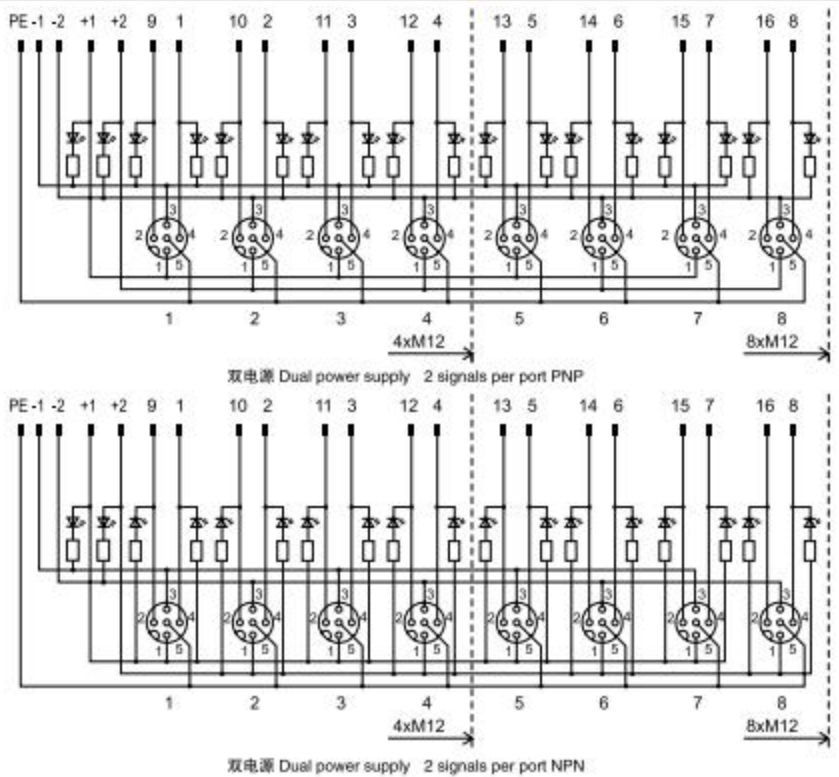
Circuit diagram

针脚定义:
Contact layout

Pin 1: (+)
Pin 2: (S2)
Pin 3: (-)
Pin 4: (S1)
Pin 5: (PE)

LED 显示: 电源 1(绿)
LED indicator: green, power 1
电源 2(红)
red, power 2
信号 S1(黄)
yellow, signal
信号 S2(白)
white, signal

插孔 Female



2 技术参数 Technial data

额定电压 Supply voltage	24 V DC
额定电流 Combined current	4A
防护等级 Protection	IP67
温度范围 Temperature range	-20...+70℃
插头适用电缆直径 Plug for cable diameter	8.5...14.0mm

P-07 7/8" 分线盒 JUNCTION BOX

Power Junction Box
IP67 电源分线盒

4 端口 Way



8 端口 Way



1 型号 Form No.

极数 Suppression	4-pole	4-pole
针脚定义: Contact layout	插针 Male 4-pole 插孔 Female 4-pole 4 端口电路图	8 端口电路图
尺寸图 Description		

2 技术参数 Technial data

额定电压 Supply voltage	600 V AC / DC
额定电流 Combined current	8A
防护等级 Protection	IP67
温度范围 Temperature range	0℃ ...+60℃
材质 Insert	TPU
壳体 Housing	聚酯 Pet (Polyester)
插座外壳 Receptacle Housing	铜镀镍 Cu-Ni plated brass

P-07 附件 ACCESSORIES

电缆标识附件 Labeling accessories

	M8 分配器端口保护盖 Blind plug
	M12 分配器端口保护盖 Blind plug
	M12 分配器标识板 Label plates 2 plates = 10 pieces
	M8 连接器安装扳手
	M12 连接器现场接线安装扳手
	M8, 3-pole
	M8, 3-pole, 配合 M8 连接器安装扳手使用
	M12, 4-pole, 电缆出线范围 Wire diameter 4-6mm
	M12, 4-pole, 电缆出线范围 Wire diameter 4-6mm
	M12, 5-pole, 电缆出线范围 Wire diameter 4-6mm
	M12, 5-pole, 电缆出线范围 Wire diameter 6-8mm
	M12, 4-pole, 双孔连接器, 电缆出线范围 Wire diameter 5.2-3.5mm
	M12-2M12, Y 型连接器 Y type connector
	M12-2M8, Y 型连接器 Y type connector
	SHD 8 4 连接器固定器, 适用于 M8 预铸线, M4 螺丝
	SHD 12 4 连接器固定器, 适用于 M8 现场接线与 M12 预铸线, M4 螺丝