



倍仕得电气科技(杭州)股份有限公司
BEISIT ELECTRIC TECH (HANGZHOU) CO.,LTD.



Circular Connectors 圆形连接器

倍仕得三期数字化工厂鸟瞰图
BEISIT 3rd. Phase Digital Factory Aeroview



做人, 把人品做好.
做企业, 把产品做好.

董事长: 郑永

产品合集
Product Collection



品牌解析

Brand Definition



"I" stands for "Integrity 诚信"

"I" stands for "International 国际"

"BEST": Best 最好

做诚信的国际企业，以更好的品质服务客户

Functions as an international company of high integrity whose mission is to provide customer with finest products and services

倍仕得

倍：即多，广聚英才；加倍，业精于勤；倍增，高效发展

pronounced as "bei", means "more", gathering more talents; mastery of work comes from more diligence; developing with high efficiency.

仕：人才，德才兼备；仕途，个人和企业前景光明

pronounced as "shi", means "talents", a person with ability and integrity; Both enterprise and individual should have a bright future, indicating the idea of people-oriented.

得：拥有，拥有更高价值

pronounced as "de", means "possess", to create and possess higher value.

广聚英才，共创美好未来

Gather a large number of talents, and create a glorious future

研发中心 R&D Center

BEISIT®

强大的产品研发能力
Strong and Efficient R&D



模具中心

Mold Processing Center

BEISIT®

精密模具设计制造能力
Ability for Designing and Manufacturing of Precise Mould
为客户特殊定制能力
Customization.



企业认证 Company Certifications



ISO9001



ISO14001



ISO45001



信息化系统

Informatization System

BEISIT®

高效快捷的信息化系统
Efficient and fast Informatization system.



企业文化 Corporate Culture



倍仕得使命：为全球工业提供最可靠的连接器产品
Mission: To supply most reliable connectors for global industry.

客户价值观：敬畏客户；为客户创造独特价值的决心不动摇
Customer Value: Revere clients; Never waver in determination to create unique value for our clients.

品质价值观：品质如命，只有一次；做出100%合格产品的决心不动摇
Quality Value: Quality as life, only once. Never waver in determination to produce 100% qualified products.

A large, detailed image of the Earth from space, showing the Americas. Overlaid on the globe is a complex network of glowing blue lines and dots, representing global connectivity and technology.

连接世界 · 连接未来





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圆形连接器是一款符合IEC 61076-2-101、IEC 61076-2-109、IEC 61076-2-111、IEC 61076-2-113等国际标准的产品，它的特点是连接可靠、稳定，体积轻巧，使用便捷。适用于过程自动控制及工业应用、自动化设备，电子设备，电子仪器仪表，传感器，商业运输，以及军用/航空应用。

BEISIT Circular connector conforms to IEC 61076-2-101、IEC 61076-2-109、IEC 61076-2-111、IEC 61076-2-113 standard. It provides reliable and stable connection with light weight and small profile, which is quick and easy to use. BEISIT increases your option in numerous industries and area of applications in electrical automation, railway, control systems and many others.

我们可提供板前安装，板后安装，法兰安装等多种不同安装形式的插座。插座可提供接线后的成品，接线种类、规格与长度均可按照客户需求执行。提供的插头包括注塑成缆形式的，可现场装配形式的，以满足客户的实际需要。

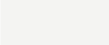
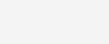
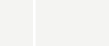
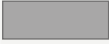
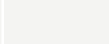
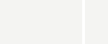
We offer various kinds of connector orientations in mounting including front, rear and square-flange. The cable version comes with field cabling, pre-assembled, pre-molded with designated cable length upon the customers specifications.

表1-连接器额定值 Table 1—Ratings of connectors

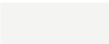
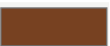
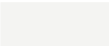
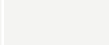
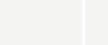
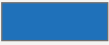
编码 Coding	样式 Style	芯数 Pins	额定电压(V) Rated Voltage AC or DC (V)	额定脉冲电压(KV) Rated Impulse Voltage (KV)	额定电流(A) Rated Current (A)	污染度 ^{a)} Pollution Degree
A	5way	2 to 4	250	2.5	4	3 ^a
		5	60	1.5	4	3 ^a
	8way	6 to 8	30	0.8	2	3 ^a
	12way	9 to 12	30	0.8	1.5	3 ^a
	17way	13 to 17	30	0.8	1.5	3 ^a
B	5way	5	60	1.5	4	3 ^a
D	4way	4	250	2.5	4	3 ^a
X	8way	8	50	0.8	0.5	3 ^a
K	5way(4+PE)	3(2+PE)	630	6	12	3 ^a
		4(3+PE)	630	6	12	3 ^a
		5(4+PE)	630	6	12	3 ^a
L	5way	3(2+FE)	63	1.5	16	3 ^a
		4(3+FE)	63	1.5	16	3 ^a
		5(4+FE)	63	1.5	16	3 ^a
	4way	2	63	1.5	16	3 ^a
		3	63	1.5	16	3 ^a
		4	63	1.5	16	3 ^a
S	4way(3+PE)	4(3+PE)	630	6	12	3 ^a
	3way(2+PE)	3(2+PE)	630	6	12	3 ^a
T	4way	2 to 4	63	1.5	12	3 ^a

a)：只在装配锁紧情况下。Only in mated and locked condition.

M8 A编码 M8 A-Code

01	02	03	04	05	06	07	08	09	10	11	12
											
棕 BN		蓝 BU	黑 BK								
											
棕 BN	白 WH	蓝 BU	黑 BK								
											
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK						
											
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK	紫 VT	橙 OR				

M12 A编码 M12 A-Code

01	02	03	04	05	06	07	08	09	10	11	12
											
棕 BN		蓝 BU	黑 BK								
											
棕 BN	白 WH	蓝 BU	黑 BK								
											
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY							
											
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK	紫 VT	橙 OR				
											
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK	紫 VT	橙 OR	灰/粉 GY/PK	白/蓝 WH/BU	白/灰 WH/GY	灰/棕 GY/BN

M12 S编码 M12 S-Code

01	02	03	PE
			
黑 BK		黑 BK	绿/黄 GN/YE
			
黑 BK	黑 BK	黑 BK	绿/黄 GN/YE

M12 T编码 M12 T-Code

01	02	03	04
			
棕 BN	白 WH	蓝 BU	黑 BK

M12 K编码 M12 K-Code

01	02	03	04	PE
				
黑 BK	黑 BK	黑 BK	黑 BK	绿/黄 GN/YE

M12 L编码 M12 L-Code

01	02	03	04	FE
				
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY

M12 D编码 M12 D-Code

01	02	03	PE
			
黄 YE	白 WH	橙 OR	蓝 BU

M12 X编码 M12 X-Code

01	02	03	04	05	06	07	08
							
白/黄 WH/OR	橙 OR	白/绿 WH/GN	绿 GN	白/棕 WH/BN	棕 BN	白/蓝 WH/BU	蓝 BU

M系列预铸电缆连接器（单端）

M Series--Overmolded Connection Cable



产品特点 Product Features

- M系列连接器预铸电缆式产品, 采用一体成型工艺, 防护功能更持久可靠, 更适合用于恶劣的工业现场。
The over-molded cable connectors of M series with integrated molding process, can guarantee much better protection degree, and be more durable and reliable, more suitable for harsh industrial sites.
- 依据IEC 61076-2标准设计, 兼容国内外各大品牌同类产品。
Compatible with similar products of main international brands, according to IEC 61076-2.
- 独有的结构设计即使是在高频振动环境中也能保证稳定可靠的连接。
Unique structural design ensures stable and reliable connection even in high-frequency vibration environments.
- 直头、弯头产品满足客户现场的不同布线需求。
Straight and angled connectors meet the different wiring needs on site.
- 提供定制化的解决方案为客户创造独特的价值。
Provide customized solutions to create unique value for customers.

A-Code

B-Code

D-Code

X-Code

单/双端预铸电缆 Single/Double Ended Pre Cast Cables

M12 A 05 CZ F 1 Z P2 CZ M 1 V 050 N 00

电缆特性 Cable Features

电缆护套颜色 Cable Sheath Color

0 黑色 Black	3 绿色 Green
1 灰色 Grey	4 紫色 Purple
2 橙色 Orange	5 黄色 Yellow

特殊性能 Special Performance

0 标准 Standard
1 Ethernet/PROFINET Cable, 4-pin, AWG 22, CAT 5E
2 Industrial Ethernet Cable, 8-pin, AWG 26, CAT 6A
3 拖链 Drag Chain
4 抗焊接火花 Resistance to Welding Sparks
5 耐高温 High Temperature Resistance

屏蔽 Shielded Version

N 非屏蔽 Non-Shielded	D 总线电缆 DeviceNet
S 普通屏蔽 Shielded	P 总线电缆 ProfiBus-DP
T 360°全屏蔽 360°Shielded	E 总线电缆 Ethernet/Profinet

预制电线长度 Wire Lenth

001 0.1 m
010 1.0 m
100 10 m

其他电线、电缆长度可根据需求定制
Other wire/cable length can be ordered on request

电缆材质 Cable Quality

V PVC电缆, 不含卤素 PVC, Halogen-Free
U PUR电缆, 不含卤素 PUR, Halogen-Free

LED Version

无LED灯 (空白表示不带LED灯) Without LED
P2 LED Power GN, Signal YE

外壳材质 Housing Material

Z 压铸锌 Die-cast Zinc
B 黄铜镀镍 Brass, Nickle Placed
S 不锈钢 Stainless Steel

抗振性 Vibration Resistant

1 标准抗振 Standard Vibration Resistance
2 增强抗振 Enhance Vibration Resistance

公母 Gender

F 母头孔座 Female
M 公头针座 Male

电缆预铸式连接器 Cable Overmolded Connector

CZ 直头电缆预铸连接器 Cable Overmolded Connector, Straight
CW 弯头电缆预铸连接器 Cable Overmolded Connector, Angled

芯数 Number of Pins

02 2-pin	05 5-pin
03 3-pin	08 8-pin
04 4-pin	12 12-pin

编码 Coding

A A-Coding	S S-Coding
B B- Coding	T T-Coding
D D-Coding	K K-Coding
X X-Coding	L L-Coding

产品系列 Product Series

M12 M12系列 Series
M08 M8系列 Series

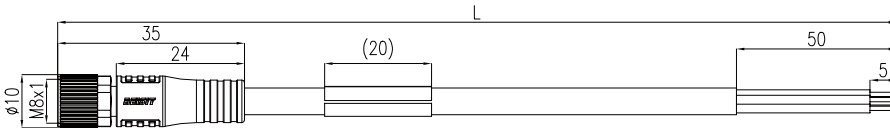
M8 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 单端连接器 A码, 直式母头 PVC 电缆

M8 A-code, Female-stright, PVC – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CZF1ZV020N00	M08A04CZF1ZV020N00	M08A06CZF1ZV020N00
	5M	M08A03CZF1ZV050N00	M08A04CZF1ZV050N00	M08A06CZF1ZV050N00
	10M	M08A03CZF1ZV100N00	M08A04CZF1ZV100N00	M08A06CZF1ZV100N00
货号 ID	2M	1009050000034	1009050000032	1009050000037
	5M	1009050000005	1009050000010	1009050000022
	10M	1009050000035	1009050000036	1009050000038
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40°C ... +80°C		
执行标准 Standard		IEC 61076-2-104		

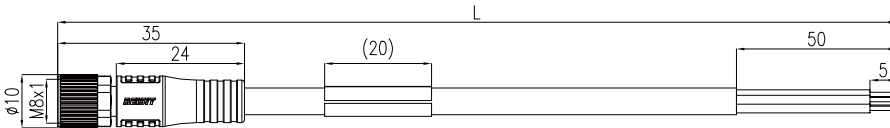
M8 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 单端连接器 A码, 直式母头 PUR 电缆

M8 A-code, Female-stright, PUR – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CZF1ZU020N00	M08A04CZF1ZU020N00	M08A06CZF1ZU020N00
	5M	M08A03CZF1ZU050N00	M08A04CZF1ZU050N00	M08A06CZF1ZU050N00
	10M	M08A03CZF1ZU100N00	M08A04CZF1ZU100N00	M08A06CZF1ZU100N00
货号 ID	2M	1009050000051	1009050000019	1009050000054
	5M	1009050000002	1009050000009	1009050000026
	10M	1009050000052	1009050000053	1009050000055
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40°C ... +80°C		
执行标准 Standard		IEC 61076-2-104		

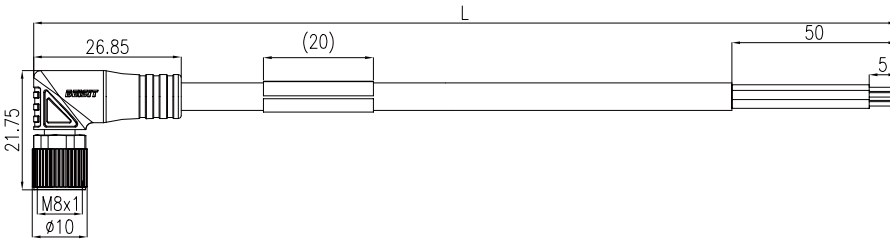
M8 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 单端连接器 A码, 弯式母头 PVC 电缆

M8 A-code, Female-angel, PVC – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CWF1ZV020N00	M08A04CWF1ZV020N00	M08A06CWF1ZV020N00
	5M	M08A03CWF1ZV050N00	M08A04CWF1ZV050N00	M08A06CWF1ZV050N00
	10M	M08A03CWF1ZV100N00	M08A04CWF1ZV100N00	M08A06CWF1ZV100N00
货号 ID	2M	1009050000039	1009050000041	1009050000043
	5M	1009050000012	1009050000018	1009050000023
	10M	1009050000040	1009050000042	1009050000044
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40°C ... +80°C		
执行标准 Standard		IEC 61076-2-104		

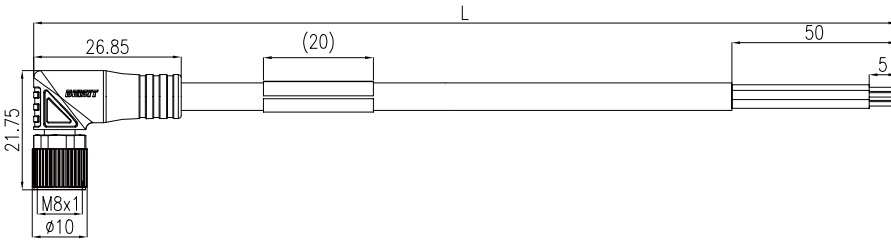
M8 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 单端连接器 A码, 弯式母头 PUR 电缆

M8 A-code, Female-angel, PUR – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CWF1ZU020N00	M08A04CWF1ZU020N00	M08A06CWF1ZU020N00
	5M	M08A03CWF1ZU050N00	M08A04CWF1ZU050N00	M08A06CWF1ZU050N00
	10M	M08A03CWF1ZU100N00	M08A04CWF1ZU100N00	M08A06CWF1ZU100N00
货号 ID	2M	1009050000056	1009050000030	1009050000059
	5M	1009050000011	1009050000017	1009050000027
	10M	1009050000057	1009050000058	1009050000060
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40°C ... +80°C		
执行标准 Standard		IEC 61076-2-104		

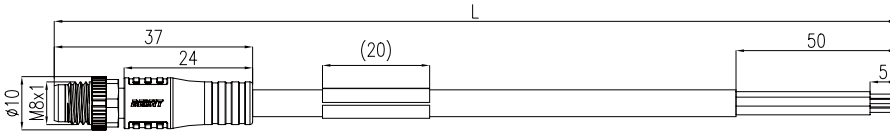
M8 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 单端连接器 A码, 直式公头 PVC 电缆

M8 A-code, Male-stright, PVC – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CZM1ZV020N00	M08A04CZM1ZV020N00	M08A06CZM1ZV020N00
	5M	M08A03CZM1ZV050N00	M08A04CZM1ZV050N00	M08A06CZM1ZV050N00
	10M	M08A03CZM1ZV100N00	M08A04CZM1ZV100N00	M08A06CZM1ZV100N00
货号 ID	2M	1009050000045	1009050000047	1009050000049
	5M	1009050000006	1009050000008	1009050000021
	10M	1009050000046	1009050000048	1009050000050
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40℃ ... +80℃		
执行标准 Standard		IEC 61076-2-104		

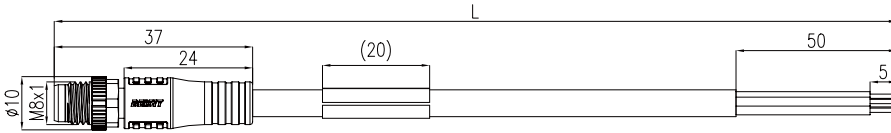
M8 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 单端连接器 A码, 直式公头 PUR 电缆

M8 A-code, Male-stright, PUR – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CZM1ZU020N00	M08A04CZM1ZU020N00	M08A06CZM1ZU020N00
	5M	M08A03CZM1ZU050N00	M08A04CZM1ZU050N00	M08A06CZM1ZU050N00
	10M	M08A03CZM1ZU100N00	M08A04CZM1ZU100N00	M08A06CZM1ZU100N00
货号 ID	2M	1009050000061	1009050000033	1009050000029
	5M	1009050000007	1009050000003	1009050000024
	10M	1009050000062	1009050000063	1009050000064
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40°C ... +80°C		
执行标准 Standard		IEC 61076-2-104		

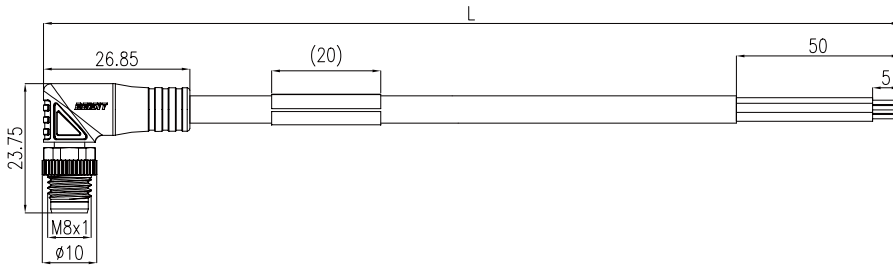
M8 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 单端连接器 A码, 弯式公头 PVC 电缆

M8 A-code, Male-angel, PVC – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CWM1ZV020N00	M08A04CWM1ZV020N00	M08A06CWM1ZV020N00
	5M	M08A03CWM1ZV050N00	M08A04CWM1ZV050N00	M08A06CWM1ZV050N00
	10M	M08A03CWM1ZV100N00	M08A04CWM1ZV100N00	M08A06CWM1ZV100N00
货号 ID	2M	1009050000071	1009050000073	1009050000075
	5M	1009050000013	1009050000015	1009050000020
	10M	1009050000072	1009050000074	1009050000076
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40°C ... +80°C		
执行标准 Standard		IEC 61076-2-104		

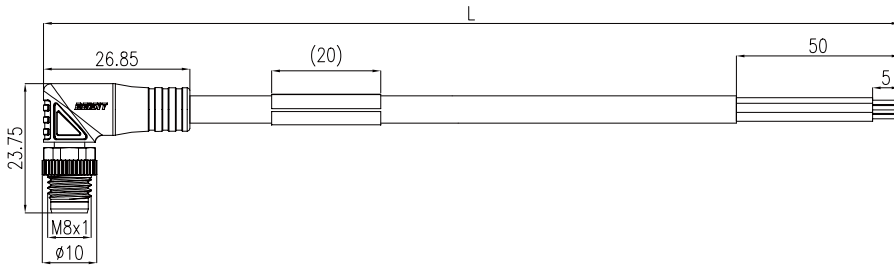
M8 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 单端连接器 A码, 弯式公头 PUR 电缆

M8 A-code, Female-angel, PUR – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CWM1ZU020N00	M08A04CWM1ZU020N00	M08A06CWM1ZU020N00
	5M	M08A03CWM1ZU050N00	M08A04CWM1ZU050N00	M08A06CWM1ZU050N00
	10M	M08A03CWM1ZU100N00	M08A04CWM1ZU100N00	M08A06CWM1ZU100N00
货号 ID	2M	1009050000065	1009050000067	1009050000070
	5M	1009050000014	1009050000016	1009050000025
	10M	1009050000066	1009050000068	1009050000069
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40°C ... +80°C		
执行标准 Standard		IEC 61076-2-104		

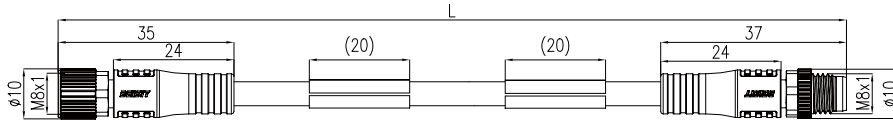
M8 双端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 双端连接器 A码, 直式母头-公头 PVC 电缆

M8 A-code, Female-stright, PVC – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CZF1ZCZM1V020N00	M08A04CZF1ZCZM1V020N00	M08A06CZF1ZCZM1V020N00
	5M	M08A03CZF1ZCZM1V050N00	M08A04CZF1ZCZM1V050N00	M08A06CZF1ZCZM1V050N00
	10M	M08A03CZF1ZCZM1V100N00	M08A04CZF1ZCZM1V100N00	M08A06CZF1ZCZM1V100N00
货号 ID	2M	1009050000086	1009050000088	1009050000091
	5M	1009050000085	1009050000089	1009050000092
	10M	1009050000087	1009050000090	1009050000093
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40°C ... +80°C		
执行标准 Standard		IEC 61076-2-104		

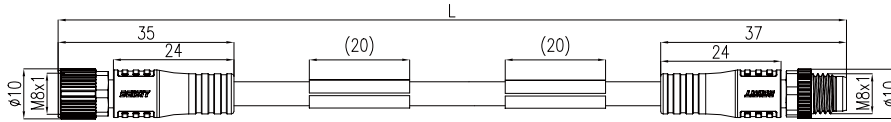
M8 双端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M8 双端连接器 A码, 直式母头-公头 PUR 电缆

M8 A-code, Female-stright, PUR – Connection Cable



芯数 Number of Pins		3	4	6
型号 Type	2M	M08A03CZF1ZCZM1U020N00	M08A04CZF1ZCZM1U020N00	M08A06CZF1ZCZM1U020N00
	5M	M08A03CZF1ZCZM1U050N00	M08A04CZF1ZCZM1U050N00	M08A06CZF1ZCZM1U050N00
	10M	M08A03CZF1ZCZM1U100N00	M08A04CZF1ZCZM1U100N00	M08A06CZF1ZCZM1U100N00
货号 ID	2M	1009050000083	1009050000079	1009050000031
	5M	1009050000082	1009050000080	1009050000077
	10M	1009050000084	1009050000081	1009050000078
触点分配 Contact assignment				
导线截面积 Core cross-section		3 x 0.25 mm ² (24AWG)	4 x 0.25 mm ² (24AWG)	6 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.3 ± 0.25 mm	4.7 ± 0.25 mm	4.8 ± 0.25 mm
额定电压 Rated Voltage		60 V	60 V	30 V
额定电流 Rated current		4 A	4 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated		
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated		
绝缘体材料 Contact Carriers		尼龙 PA		
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range		-40°C ... +80°C		
执行标准 Standard		IEC 61076-2-104		

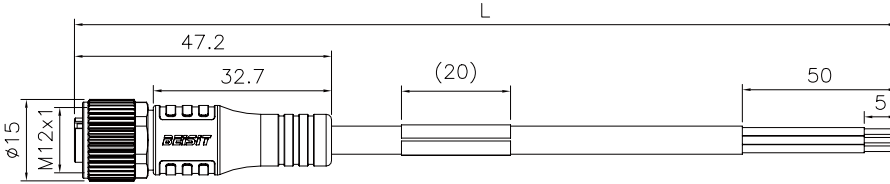
M12 单端预铸式连接器

Accessories for actuator/sensor cables – flange with solder contacts



M12 单端连接器 A码, 直式母头 PVC 电缆

M12 A-code, Female-straight, PVC – Connection Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZF1ZV020N00	M12A04CZF1ZV020N00	M12A05CZF1ZV020N00	M12A08CZF1ZV020N00	M12A12CZF1ZV020N00
	5M	M12A03CZF1ZV050N00	M12A04CZF1ZV050N00	M12A05CZF1ZV050N00	M12A08CZF1ZV050N00	M12A12CZF1ZV050N00
	10M	M12A03CZF1ZV100N00	M12A04CZF1ZV100N00	M12A05CZF1ZV100N00	M12A08CZF1ZV100N00	M12A12CZF1ZV100N00
货号 ID	2M	1006050000085	1006190000058	1006050000287	1006050000133	1006050000311
	5M	1006050000087	1006050000103	1006050000119	1006050000135	1006050000151
	10M	1006050000207	1006050000215	1001020000033	1006050000364	1006050000327
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

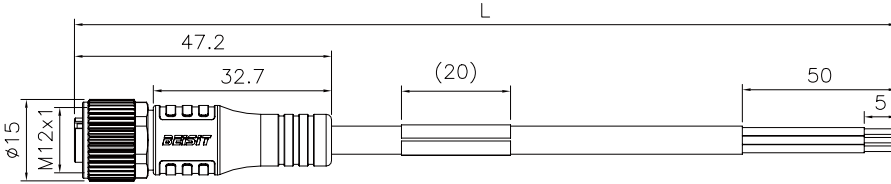
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 直式母头 PVC屏蔽电缆

M12 A-code, Female-straight, PVC – Connection Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZF2ZV020S00	M12A04CZF2ZV020S00	M12A05CZF2ZV020S00	M12A08CZF2ZV020S00	M12A12CZF2ZV020S00
	5M	M12A03CZF2ZV050S00	M12A04CZF2ZV050S00	M12A05CZF2ZV050S00	M12A08CZF2ZV050S00	M12A12CZF2ZV050S00
	10M	M12A03CZF2ZV100S00	M12A04CZF2ZV100S00	M12A05CZF2ZV100S00	M12A08CZF2ZV100S00	M12A12CZF2ZV100S00
货号 ID	2M	1006050000083	1006050000099	1006050000117	1006050000131	1006050000309
	5M	1006050000081	1006050000097	1006050000113	1006050000129	1006050000145
	10M	1006050000205	1006050000213	1006050000348	1006050000362	1006050000325
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

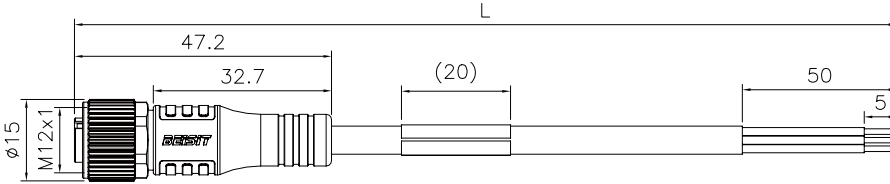
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 直式母头 PUR电缆

M12 A-code, Female-straight, PUR – Connection Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZF1ZU020N00	M12A04CZF1ZU020N00	M12A05CZF1ZU020N00	M12A08CZF1ZU020N00	M12A12CZF1ZU020N00
	5M	M12A03CZF1ZU050N00	M12A04CZF1ZU050N00	M12A05CZF1ZU050N00	M12A08CZF1ZU050N00	M12A12CZF1ZU050N00
	10M	M12A03CZF1ZU100N00	M12A04CZF1ZU100N00	M12A05CZF1ZU100N00	M12A08CZF1ZU100N00	M12A12CZF1ZU100N00
货号 ID	2M	1001020000032	1006190000051	1006050000297	1006050000134	1006050000312
	5M	1006050000088	1006050000104	1006050000120	1006050000136	1006050000152
	10M	1006050000208	1006050000216	1006190000246	1006050000365	1006050000328
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

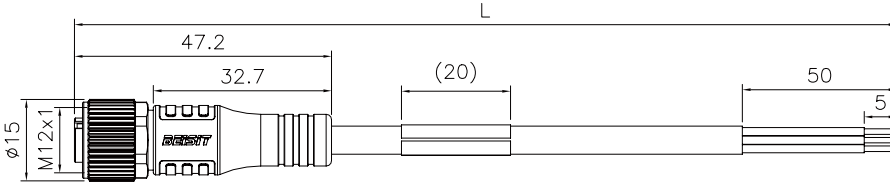
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 直式母头 PUR 屏蔽电缆

M12 A-code, Female-straight, PUR – Connection Cable, Shielding



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZF2ZU020S00	M12A04CZF2ZU020S00	M12A05CZF2ZU020S00	M12A08CZF2ZU020S00	M12A12CZF2ZU020S00
	5M	M12A03CZF2ZU050S00	M12A04CZF2ZU050S00	M12A05CZF2ZU050S00	M12A08CZF2ZU050S00	M12A12CZF2ZU050S00
	10M	M12A03CZF2ZU100S00	M12A04CZF2ZU100S00	M12A05CZF2ZU100S00	M12A08CZF2ZU100S00	M12A12CZF2ZU100S00
货号 ID	2M	1006050000084	1006050000100	1006050000298	1006050000273	1006050000310
	5M	1006050000082	1006050000098	1006190000041	1006050000130	1006050000146
	10M	1006050000206	1006050000214	1006050000349	1006050000363	1006050000326
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

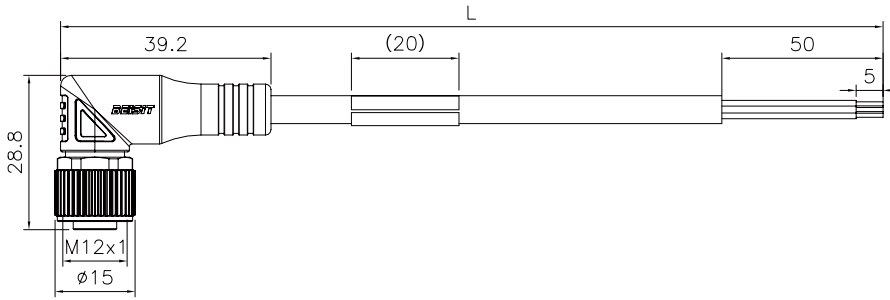
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 弯式母头 PVC 电缆

M12 A-code, Female-angled, PVC – Connection Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CWF1ZV020N00	M12A04CWF1ZV020N00	M12A05CWF1ZV020N00	M12A08CWF1ZV020N00	M12A12CWF1ZV020N00
	5M	M12A03CWF1ZV050N00	M12A04CWF1ZV050N00	M12A05CWF1ZV050N00	M12A08CWF1ZV050N00	M12A12CWF1ZV050N00
	10M	M12A03CWF1ZV100N00	M12A04CWF1ZV100N00	M12A05CWF1ZV100N00	M12A08CWF1ZV100N00	M12A12CWF1ZV100N00
货号 ID	2M	1006050000093	1006050000286	1006190000059	1006050000141	1006050000307
	5M	1006050000095	1006050000111	1006050000127	1006050000143	1006050000159
	10M	1006050000203	1006050000211	1006050000346	1006050000360	1006050000323
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

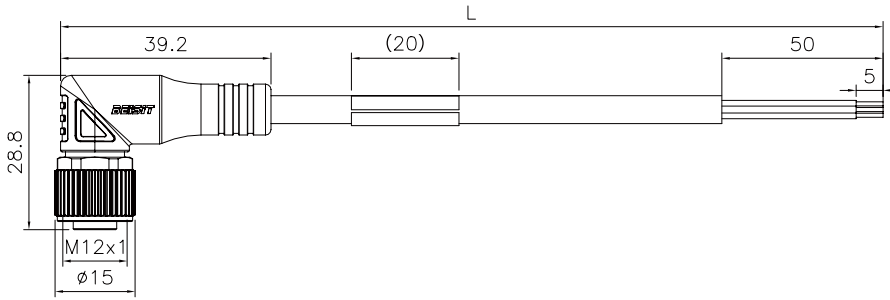
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 弯式母头 PVC 屏蔽电缆

M12 A-code, Female-angled, PVC – Connection Cable, Shielding



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CWF2ZV020S00	M12A04CWF2ZV020S00	M12A05CWF2ZV020S00	M12A08CWF2ZV020S00	M12A12CWF2ZV020S00
	5M	M12A03CWF2ZV050S00	M12A04CWF2ZV050S00	M12A05CWF2ZV050S00	M12A08CWF2ZV050S00	M12A12CWF2ZV050S00
	10M	M12A03CWF2ZV100S00	M12A04CWF2ZV100S00	M12A05CWF2ZV100S00	M12A08CWF2ZV100S00	M12A12CWF2ZV100S00
货号 ID	2M	1006050000091	1006050000107	1006050000123	1006050000139	1006050000305
	5M	1006050000089	1006050000105	1006050000121	1006050000137	1006050000153
	10M	1006050000201	1006050000209	1006050000344	1006050000358	1006050000321
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

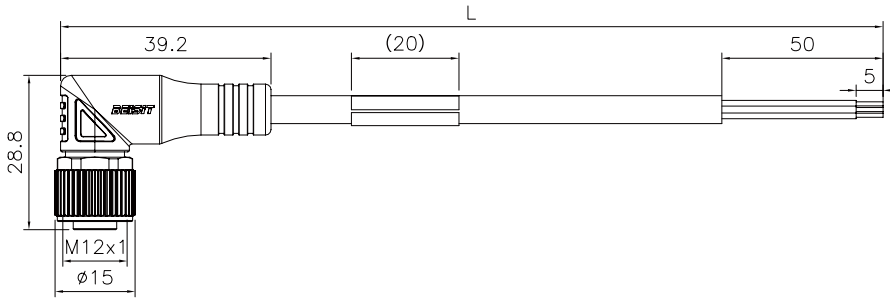
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 弯式母头 PUR 电缆

M12 A-code, Female-angled, PUR- Connection Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CWF1ZU020N00	M12A04CWF1ZU020N00	M12A05CWF1ZU020N00	M12A08CWF1ZU020N00	M12A12CWF1ZU020N00
	5M	M12A03CWF1ZU050N00	M12A04CWF1ZU050N00	M12A05CWF1ZU050N00	M12A08CWF1ZU050N00	M12A12CWF1ZU050N00
	10M	M12A03CWF1ZU100N00	M12A04CWF1ZU100N00	M12A05CWF1ZU100N00	M12A08CWF1ZU100N00	M12A12CWF1ZU100N00
货号 ID	2M	1006050000094	1006050000110	1006050000126	1006050000142	1006050000308
	5M	1006050000096	1006050000112	1006050000128	1006050000144	1006050000160
	10M	1006050000204	1006050000212	1006050000347	1006050000361	1006050000324
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

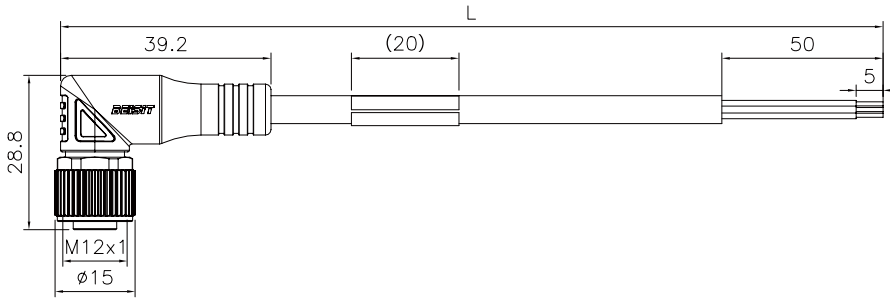
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 弯式母头 PUR 屏蔽电缆

M12 A-code, Female-angled, PUR – Connection Cable, Shielding



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CWF2ZU020S00	M12A04CWF2ZU020S00	M12A05CWF2ZU020S00	M12A08CWF2ZU020S00	M12A12CWF2ZU020S00
	5M	M12A03CWF2ZU050S00	M12A04CWF2ZU050S00	M12A05CWF2ZU050S00	M12A08CWF2ZU050S00	M12A12CWF2ZU050S00
	10M	M12A03CWF2ZU100S00	M12A04CWF2ZU100S00	M12A05CWF2ZU100S00	M12A08CWF2ZU100S00	M12A12CWF2ZU100S00
货号 ID	2M	1006050000092	1006050000108	1006050000124	1006050000140	1006050000306
	5M	1006050000090	1006050000106	1006050000122	1006050000138	1006050000154
	10M	1006050000202	1006050000210	1006050000345	1006050000359	1006050000322
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

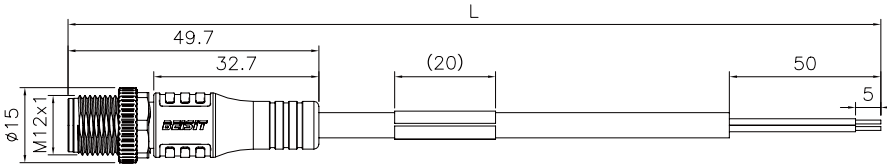
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 直式公头 PVC 电缆

M12 A-code, Male-stright, PVC – Connection Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZM1ZV020N00	M12A04CZM1ZV020N00	M12A05CZM1ZV020N00	M12A08CZM1ZV020N00	M12A12CZM1ZV020N00
	5M	M12A03CZM1ZV050N00	M12A04CZM1ZV050N00	M12A05CZM1ZV050N00	M12A08CZM1ZV050N00	M12A12CZM1ZV050N00
	10M	M12A03CZM1ZV100N00	M12A04CZM1ZV100N00	M12A05CZM1ZV100N00	M12A08CZM1ZV100N00	M12A12CZM1ZV100N00
货号 ID	2M	1006050000007	1006050000265	1006050000288	1006050000055	1006190000064
	5M	1006050000005	1006050000021	1006050000037	1006050000053	1006050000069
	10M	1006050000199	1006050000019	1006050000343	1006050000356	1006050000319
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

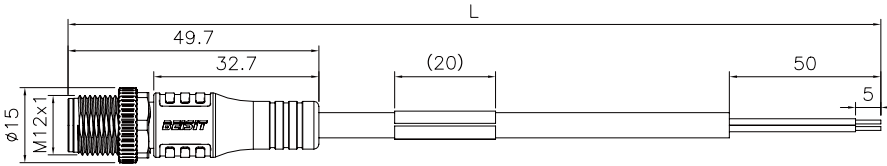
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 直式公头 PVC 屏蔽电缆

M12 A-code, Male-stright, PVC – Connection Cable, Shielding



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZM1ZV020S00	M12A04CZM1ZV020S00	M12A05CZM1ZV020S00	M12A08CZM1ZV020S00	M12A12CZM1ZV020S00
	5M	M12A03CZM1ZV050S00	M12A04CZM1ZV050S00	M12A05CZM1ZV050S00	M12A08CZM1ZV050S00	M12A12CZM1ZV050S00
	10M	M12A03CZM1ZV100S00	M12A04CZM1ZV100S00	M12A05CZM1ZV100S00	M12A08CZM1ZV100S00	M12A12CZM1ZV100S00
货号 ID	2M	1006050000003	1006050000168	1006050000035	1006050000051	1001020000040
	5M	1006050000001	1006050000017	1006050000033	1006050000049	1006050000065
	10M	1006050000197	1006050000155	1006050000341	1006050000354	1006050000317
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

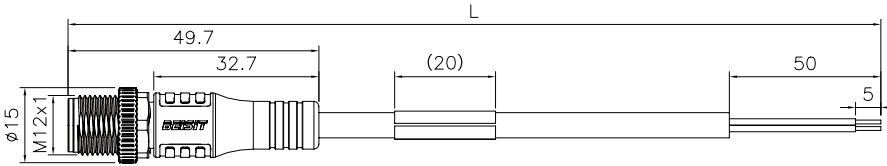
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 直式公头 PUR 电缆

M12 A-code, Male-stright, PUR – Connection Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZM1ZU020N00	M12A04CZM1ZU020N00	M12A05CZM1ZU020N00	M12A08CZM1ZU020N00	M12A12CZM1ZU020N00
	5M	M12A03CZM1ZU050N00	M12A04CZM1ZU050N00	M12A05CZM1ZU050N00	M12A08CZM1ZU050N00	M12A12CZM1ZU050N00
	10M	M12A03CZM1ZU100N00	M12A04CZM1ZU100N00	M12A05CZM1ZU100N00	M12A08CZM1ZU100N00	M12A12CZM1ZU100N00
货号 ID	2M	1006050000008	1006190000050	1006050000040	1006050000056	1006050000304
	5M	1006050000006	1006050000022	1006050000038	1006050000054	1006050000070
	10M	1006050000200	1006050000157	1006120000001	1006050000357	1006050000320
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

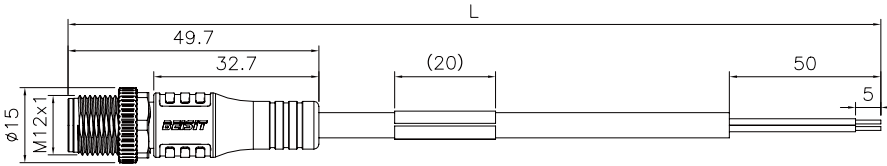
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 直式公头 PUR 屏蔽电缆

M12 A-code, Male-stright, PUR – Connection Cable, Shielding



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZM1ZU020S00	M12A04CZM1ZU020S00	M12A05CZM1ZU020S00	M12A08CZM1ZU020S00	M12A12CZM1ZU020S00
	5M	M12A03CZM1ZU050S00	M12A04CZM1ZU050S00	M12A05CZM1ZU050S00	M12A08CZM1ZU050S00	M12A12CZM1ZU050S00
	10M	M12A03CZM1ZU100S00	M12A04CZM1ZU100S00	M12A05CZM1ZU100S00	M12A08CZM1ZU100S00	M12A12CZM1ZU100S00
货号 ID	2M	1006050000004	1006050000272	1006050000036	1006050000052	1006050000303
	5M	1006050000002	1006050000018	1006050000034	1006050000050	1006050000066
	10M	1006050000198	1006050000156	1006050000342	1006050000355	1006050000318
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

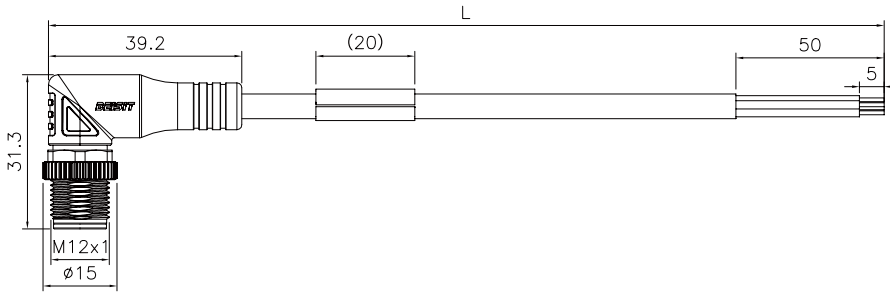
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 弯式公头 PVC 电缆

M12 A-code, Male-angled, PVC – Connection Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CWM1ZV020N00	M12A04CWM1ZV020N00	M12A05CWM1ZV020N00	M12A08CWM1ZV020N00	M12A12CWM1ZV020N00
	5M	M12A03CWM1ZV050N00	M12A04CWM1ZV050N00	M12A05CWM1ZV050N00	M12A08CWM1ZV050N00	M12A12CWM1ZV050N00
	10M	M12A03CWM1ZV100N00	M12A04CWM1ZV100N00	M12A05CWM1ZV100N00	M12A08CWM1ZV100N00	M12A12CWM1ZV100N00
货号 ID	2M	1006050000015	10060500000291	10060500000292	10060500000063	10060500000301
	5M	1006050000013	10060500000029	10060500000045	10060500000061	10060500000077
	10M	10060500000195	10060500000149	10060500000339	10060500000352	10060500000315
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

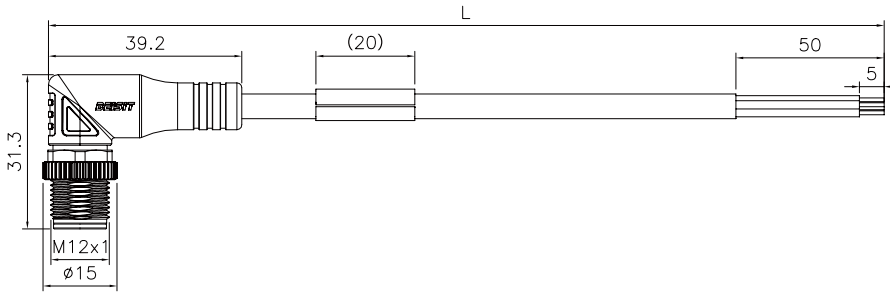
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 弯式公头 PVC 屏蔽电缆

M12 A-code, Male-angled, PVC – Connection Cable, Shielding



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CWM1ZV020S00	M12A04CWM1ZV020S00	M12A05CWM1ZV020S00	M12A08CWM1ZV020S00	M12A12CWM1ZV020S00
	5M	M12A03CWM1ZV050S00	M12A04CWM1ZV050S00	M12A05CWM1ZV050S00	M12A08CWM1ZV050S00	M12A12CWM1ZV050S00
	10M	M12A03CWM1ZV100S00	M12A04CWM1ZV100S00	M12A05CWM1ZV100S00	M12A08CWM1ZV100S00	M12A12CWM1ZV100S00
货号 ID	2M	1006050000011	1006050000031	1006050000043	1006050000059	1006050000299
	5M	1006050000009	1006050000025	1006050000041	1006050000057	1006050000073
	10M	1006050000193	1006050000147	1006050000337	1006050000350	1006050000313
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

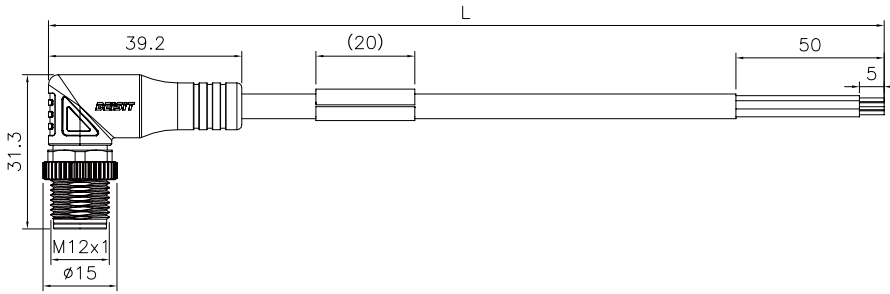
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 弯式公头 PUR 电缆

M12 A-code, Male-angled, PUR – Connection Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CWM1ZU020N00	M12A04CWM1ZU020N00	M12A05CWM1ZU020N00	M12A08CWM1ZU020N00	M12A12CWM1ZU020N00
	5M	M12A03CWM1ZU050N00	M12A04CWM1ZU050N00	M12A05CWM1ZU050N00	M12A08CWM1ZU050N00	M12A12CWM1ZU050N00
	10M	M12A03CWM1ZU100N00	M12A04CWM1ZU100N00	M12A05CWM1ZU100N00	M12A08CWM1ZU100N00	M12A12CWM1ZU100N00
货号 ID	2M	1006050000016	1006050000028	1006050000048	1006050000064	1006050000302
	5M	1006050000014	1006050000030	1006050000046	1006050000062	1006050000078
	10M	1006050000196	1006050000150	1006050000340	1006050000353	1006050000316
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

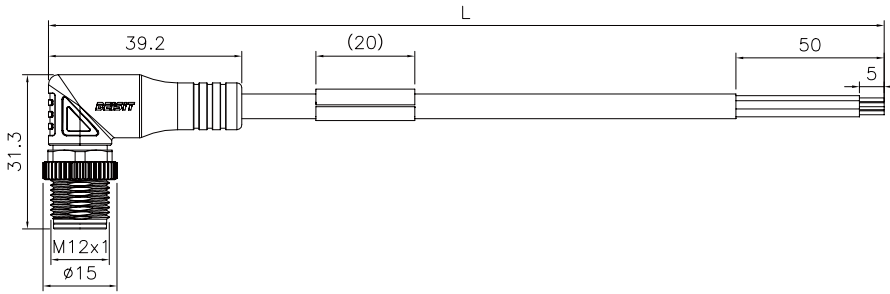
M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable



M12 单端连接器 A码, 弯式公头 PUR 屏蔽电缆

M12 A-code, Male-angled, PUR – Connection Cable, Shielding



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CWM1ZU020S00	M12A04CWM1ZU020S00	M12A05CWM1ZU020S00	M12A08CWM1ZU020S00	M12A12CWM1ZU020S00
	5M	M12A03CWM1ZU050S00	M12A04CWM1ZU050S00	M12A05CWM1ZU050S00	M12A08CWM1ZU050S00	M12A12CWM1ZU050S00
	10M	M12A03CWM1ZU100S00	M12A04CWM1ZU100S00	M12A05CWM1ZU100S00	M12A08CWM1ZU100S00	M12A12CWM1ZU100S00
货号 ID	2M	1006050000012	1006050000032	1006050000044	1006050000060	1006050000300
	5M	1006050000010	1006050000026	1006050000042	1006050000058	1006050000074
	10M	1006050000194	1006050000148	1006050000338	1006050000351	1006050000074
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

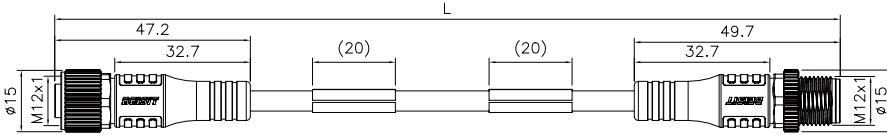
M12 双端预铸式连接器

Actuator and Sensor Cable, Extension Cable



M12 双端连接器 A码, 直式母头-直式公头 PVC 电缆

M12 A-code, PVC – Extension Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CF1ZCZM1V020N00	M12A04CF1ZCZM1V020N00	M12A05CF1ZCZM1V020N00	M12A08CF1ZCZM1V020N00	M12A12CF1ZCZM1V020N00
	5M	M12A03CF1ZCZM1V050N00	M12A04CF1ZCZM1V050N00	M12A05CF1ZCZM1V050N00	M12A08CF1ZCZM1V050N00	M12A12CF1ZCZM1V050N00
	10M	M12A03CF1ZCZM1V100N00	M12A04CF1ZCZM1V100N00	M12A05CF1ZCZM1V100N00	M12A08CF1ZCZM1V100N00	M12A12CF1ZCZM1V100N00
货号 ID	2M	1006050000368	1006050000267	1006050000373	1006050000377	1006050000331
	5M	1006050000231	1006050000233	1006050000235	1006050000217	1006050000221
	10M	1006050000381	1006050000296	1006050000387	1006050000391	1006050000335
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

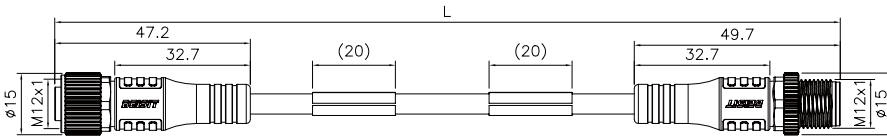
M12 双端预铸式连接器

Actuator and Sensor Cable, Extension Cable



M12 双端连接器 A码, 直式母头-直式公头 PVC 屏蔽电缆

M12 A-code, PVC – Extension Cable, Shielding



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZF2ZCZM1V020S00	M12A04CZF2ZCZM1V020S00	M12A05CZF2ZCZM1V020S00	M12A08CZF2ZCZM1V020S00	M12A12CZF2ZCZM1V020S00
	5M	M12A03CZF2ZCZM1V050S00	M12A04CZF2ZCZM1V050S00	M12A05CZF2ZCZM1V050S00	M12A08CZF2ZCZM1V050S00	M12A12CZF2ZCZM1V050S00
	10M	M12A03CZF2ZCZM1V100S00	M12A04CZF2ZCZM1V100S00	M12A05CZF2ZCZM1V100S00	M12A08CZF2ZCZM1V100S00	M12A12CZF2ZCZM1V100S00
货号 ID	2M	1006050000366	1006050000370	1006050000371	1006050000375	1006050000329
	5M	1006050000225	1006050000227	1006050000229	1006050000219	1006050000223
	10M	1006050000379	1006050000383	1006050000385	1006050000389	1006050000333
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-25°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

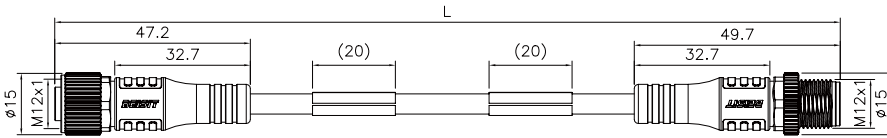
M12 双端预铸式连接器

Actuator and Sensor Cable, Extension Cable



M12 双端连接器 A码, 直式母头-直式公头 PUR 电缆

M12 A-code, PVC – Extension Cable



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CZF1ZCZM1U020N00	M12A04CZF1ZCZM1U020N00	M12A05CZF1ZCZM1U020N00	M12A08CZF1ZCZM1U020N00	M12A12CZF1ZCZM1U020N00
	5M	M12A03CZF1ZCZM1U050N00	M12A04CZF1ZCZM1U050N00	M12A05CZF1ZCZM1U050N00	M12A08CZF1ZCZM1U050N00	M12A12CZF1ZCZM1U050N00
	10M	M12A03CZF1ZCZM1U100N00	M12A04CZF1ZCZM1U100N00	M12A05CZF1ZCZM1U100N00	M12A08CZF1ZCZM1U100N00	M12A12CZF1ZCZM1U100N00
货号 ID	2M	1006050000369	1006190000048	1006050000374	1006050000378	1006050000332
	5M	1006050000232	1006050000234	1006050000236	1006050000218	1006050000222
	10M	1006050000382	1006050000285	1006050000388	1006050000392	1006050000336
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		4.5 ± 0.15 mm	5.0 ± 0.2 mm	5.2 ± 0.2 mm	5.8 ± 0.2 mm	6.0 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

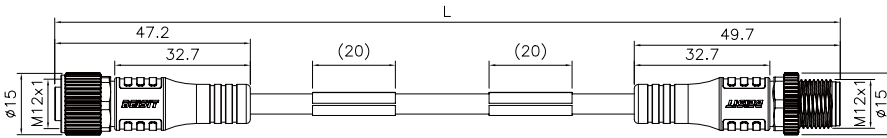
M12 双端预铸式连接器

Actuator and Sensor Cable, Extension Cable



M12 双端连接器 A码, 直式母头-直式公头 PUR 屏蔽电缆

M12 A-code, PVC – Extension Cable, Shielding



芯数 Number of Pins		3	4	5	8	12
型号 Type	2M	M12A03CF2ZCZM1U020S00	M12A04CF2ZCZM1U020S00	M12A05CF2ZCZM1U020S00	M12A08CF2ZCZM1U020S00	M12A12CF2ZCZM1U020S00
	5M	M12A03CF2ZCZM1U050S00	M12A04CF2ZCZM1U050S00	M12A05CF2ZCZM1U050S00	M12A08CF2ZCZM1U050S00	M12A12CF2ZCZM1U050S00
	10M	M12A03CF2ZCZM1U100S00	M12A04CF2ZCZM1U100S00	M12A05CF2ZCZM1U100S00	M12A08CF2ZCZM1U100S00	M12A12CF2ZCZM1U100S00
货号 ID	2M	1006050000367	1001020000055	1006050000372	1006050000376	1006050000330
	5M	1006050000226	1006050000228	1006050000230	1006050000220	1006050000224
	10M	1006050000380	1006050000384	1006050000386	1006050000390	1006050000334
触点分配 Contact assignment						
导线截面积 Core cross-section		3 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	5 x 0.34 mm ² (22AWG)	8 x 0.25 mm ² (24AWG)	12 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		5.2 ± 0.15 mm	5.6 ± 0.2 mm	6.0 ± 0.2 mm	6.4 ± 0.2 mm	6.6 ± 0.2 mm
额定电压 Rated Voltage		250 V	250 V	60 V	30 V	30 V
额定电流 Rated current		4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
执行标准 Standard		IEC 61076-2-101				

M12 单端预铸式连接器

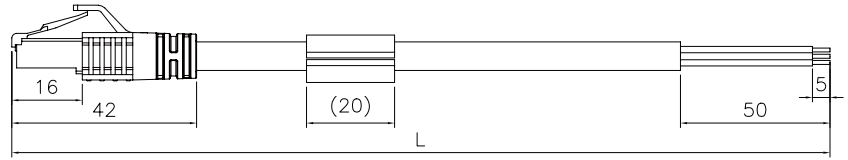
Actuator and Sensor Cable, Connection Cable



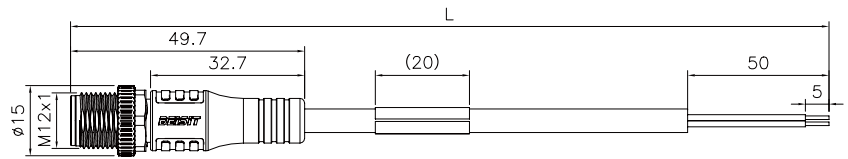
单端数据连接器

Data Connection Cable

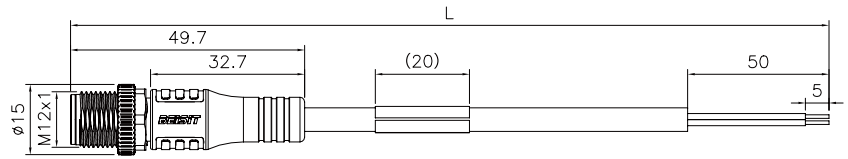
RJ45 4芯



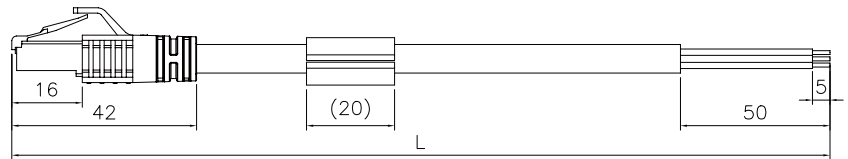
D码 4芯



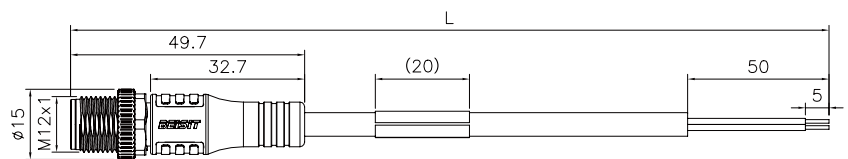
B码 5芯



RJ45 8芯



X码 8芯



M12 单端预铸式连接器

Actuator and Sensor Cable, Connection Cable

单端数据连接器

Data Connection Cable

芯数 Number of Pins		RJ45-4pin	M12-D-4pin	M12-B-5pin	RJ45-8pin	M12-X-8pin
型号 Type	2M	RJ45P04CZU020E31	M12D04CZM1ZU020E31	M12B05CZM1ZU020P40	RJ45P08CZU020E62	M12X08CZM1ZU020E62
	5M	RJ45P04CZU050E31	M12D04CZM1ZU050E31	M12B05CZM1ZU050P40	RJ45P08CZU050E62	M12X08CZM1ZU050E62
	10M	RJ45P04CZU100E31	M12D04CZM1ZU100E31	M12B05CZM1ZU100P40	RJ45P08CZU100E62	M12X08CZM1ZU100E62
货号 ID	2M	1006050000237	1006050000245	1006050000404	1006050000393	1006050000295
	5M	1006050000400	1006050000402	1006050000405	1006050000407	1006050000409
	10M	1006050000284	1006050000403	1006050000406	1006050000408	1006050000410
触点分配 Contact assignment						
导线截面积 Core cross-section		4 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	2 x 22AWG 2 x 24AWG	4 x 2 x 0.14 mm ² (26AWG)	4 x 2 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		6.5 ± 0.3 mm	6.5 ± 0.3 mm	6.6 ± 0.3 mm	6.8 ± 0.3 mm	6.8 ± 0.3 mm
额定电压 Rated Voltage		72 V	250 V	60 V	72 V	60 V
额定电流 Rated current		1.5 A	4 A	4 A	1.5 A	0.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP20	IP67	IP67	IP20	IP67
机械寿命 Mechanical lifespan		≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
电缆颜色 Cable color		绿色 Green	绿色 Green	紫色 Purple	绿色 Green	绿色 Green

M12 双端预铸式连接器

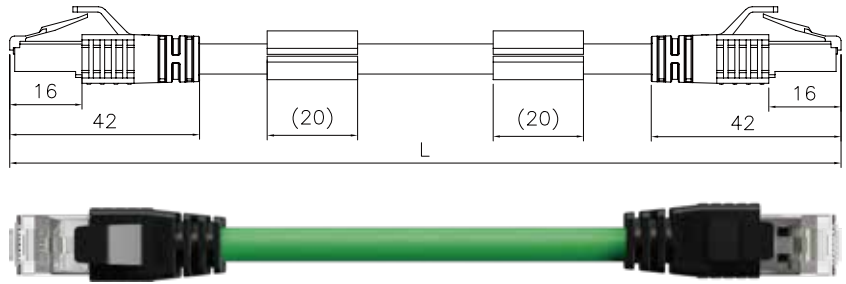
Actuator and Sensor Cable, Connection Cable



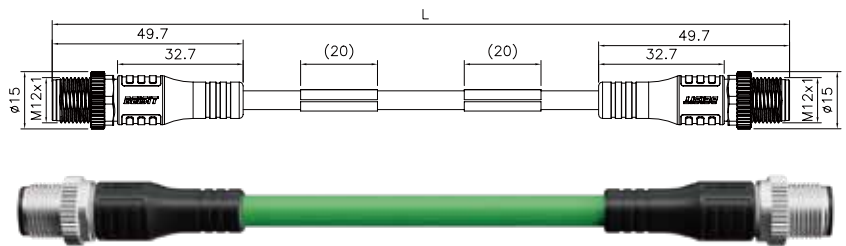
双端数据连接器

Data Extension Cable

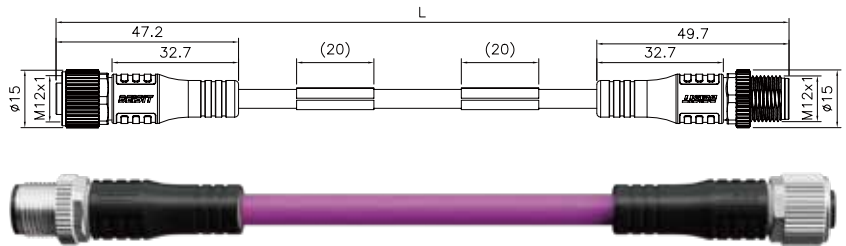
RJ45 4芯



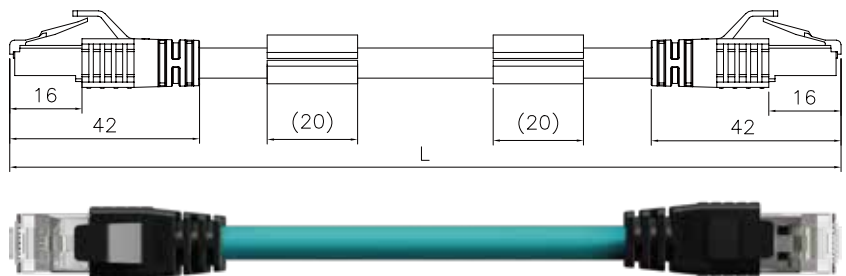
D码 4芯



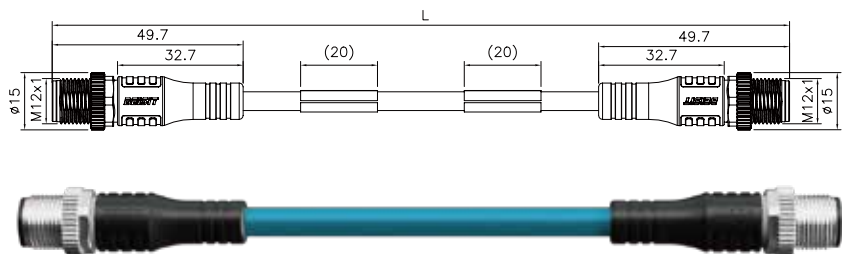
B码 5芯



RJ45 8芯



X码 8芯



M12 双端预铸式连接器

Actuator and Sensor Cable, Connection Cable



双端数据连接器

Data Extension Cable

芯数 Number of Pins		RJ45-4pin	M12-D-4pin	M12-B-5pin	RJ45-8pin	M12-X-8pin
型号 Type	2M	RJ45P04CZRJ45PCZU020E31	M12D04CZM1ZCZM1U020E31	M12B05CZF2ZCZM1U020P40	RJ45P08CZRJ45PCZU020E62	M12X08CZM1ZCZM1U020E62
	5M	RJ45P04CZRJ45PCZU050E31	M12D04CZM1ZCZM1U050E31	M12B05CZF2ZCZM1U050P40	RJ45P08CZRJ45PCZU050E62	M12X08CZM1ZCZM1U050E62
	10M	RJ45P04CZRJ45PCZU100E31	M12D04CZM1ZCZM1U100E31	M12B05CZF2ZCZM1U100P40	RJ45P08CZRJ45PCZU100E62	M12X08CZM1ZCZM1U100E62
货号 ID	2M	1006050000239	1006050000266	1006050000411	1006050000293	1006050000414
	5M	1006050000247	1006050000277	1006050000412	1006050000269	1006050000415
	10M	1006050000248	1006050000175	1006050000413	1006050000398	1006050000416
触点分配 Contact assignment						
导线截面积 Core cross-section		4 x 0.34 mm ² (22AWG)	4 x 0.34 mm ² (22AWG)	2 x 22AWG 2 x 24AWG	4 x 2 x 0.14 mm ² (26AWG)	4 x 2 x 0.14 mm ² (26AWG)
电缆外径 Cable diameter		6.5 ± 0.3 mm	6.5 ± 0.3 mm	6.6 ± 0.3 mm	6.8 ± 0.3 mm	6.8 ± 0.3 mm
额定电压 Rated Voltage		72 V	250 V	60 V	72 V	60 V
额定电流 Rated current		1.5 A	4 A	4 A	1.5 A	0.5 A
接触件材料 Contacts		铜合金, 镀金 Brass, Gold-plated				
连接螺母 Coupling Nut/screw		压铸锌, 表面镀镍 Zinc, Nickel-plated				
绝缘体材料 Contact Carriers		尼龙 PA				
防护等级 Protection Class		IP20	IP67	IP67	IP20	IP67
机械寿命 Mechanical lifespan		≥ 100 次拔插 ≥ 100 Mating cycles				
工作温度 Ambient temperature range		-40°C ... +80°C				
电缆颜色 Cable color		绿色 Green	绿色 Green	紫色 Purple	绿色 Green	绿色 Green

M系列连接器板端安装

M Series--Receptacles



产品特点 Product Features

- M系列连接器板端安装型产品,种类丰富,设计紧凑,灵活易操作。
M series receptacles, with varieties, compact design, flexibility and easy operation.
- 依据IEC 61076-2标准设计, 兼容国内外各大品牌同类产品。
Compatible with similar products of main international brands, according to IEC 61076-2.
- 外壳多种材质可选,能满足不同应用场景需求。
A variety of materials are available for the housing, which can meet the needs of different application scenarios.
- 优质铜合金导体表面镀金处理, 提高接触件耐腐蚀性的同时也能满足高频率插拔的需求。
The surface of the high-quality copper alloy conductor is gold-plated, which improves the corrosion resistance of the contacts and also meets the needs of high-frequency insertion and removal.
- 为客户提供定制特殊应用及个性化需求的产品。
Provide customers with customized products for special applications and individual needs.

A-Code

B-Code

D-Code

X-Code

K-Code

L-Code

S-Code

T-Code

板端安装式连接器(不带线)型谱 Receptacle

M12 A 05 F Z RB 6 SC 011

版本序列 Version No.

胶芯颜色 Rubber core color

0	黑色 Black	2	紫色 Purple
1	灰色 Grey	3	黄色 Yellow

密封件 Seal

0	NBR
1	FKM
2	SI

螺母 Nut

0	无 No
1	常规 Routine
2	齿形 Tooth shape

接线方式 Connection mode

SC	焊接 Solder contact
P1	PCB板安装 Installation on the PCB board,180°
P9	PCB板安装 Installation on the PCB board,90°
P0	PCB板安装,不带外壳 Installation on the PCB board without the shell

安装螺纹 Thread

0	无安装螺纹 No thread
6	M16
9	PG9
2	M12
1	1/2"-14 NPSM

安装方式 Mounting type

RF	前端安装 Receptacle front mounted
RB	后端安装 Receptacle rear-mounted
RS	方座法兰 Receptacle Square flange

外壳材质 Housing material

Z	压铸锌 Die-cast Zinc
B	黄铜镀镍 Brass, nickle placed
S	不锈钢 Stainless steel

公母 Gender

F	母头插座 Female
M	公头针座 Male

芯数 Number of Pins

02	2-pin
03	3-pin
04	4-pin
05	5-pin
08	8-pin
12	12-pin

编码 Coding

A	A-Coding 连接直流电, 标准24VDC和标准传感器信号接口
B	B- Coding 连接直流电信号, Profibus、Interbus等现场总线
D	D-Coding 多用于Profinet、Ethernet、CC-Link IE等以太网通讯
X	X-Coding 用于高速千兆以太网
S	S-Coding 用于交流电源
T	T-Coding 用于直流电源
K	K-Coding 用于交流电源
L	L-Coding 用于直流电源

产品系列 Product Series

M12	M12系列 Series
M08	M8系列 Series
U78	7/8" Series

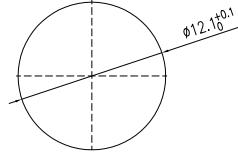
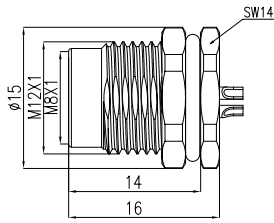
M8 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M8 A码，母头，后端安装，M12安装螺纹，标准螺母

M8 A-code, Female, Rear-mounted, Screw-in thread with M12



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03FBRB2SC011	M08A04FBRB2SC011	M08A06FBRB2SC011	M08A08FBRB2SC011
货号 ID	1009010000003	1009010000004	1009010000005	1009010000006
触点分配 Contact assignment				
导线截面积 Core cross-section	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

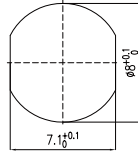
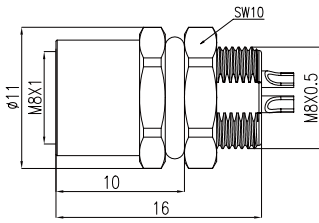
M8 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M8 A码，母头，前端安装，M8安装螺纹，标准螺母

M8 A-code, Female, Front-mounted, Screw-in thread with M8



推荐开孔尺寸
Mounting hole - Through

芯数 Number of Pins	3	4	6	8
型号 Type	M08A03FBRF8SC011	M08A04FBRF8SC011	M08A06FBRF8SC011	M08A08FBRF8SC011
货号 ID	1009010000007	1009010000008	1009010000009	1009010000010
触点分配 Contact assignment				
导线截面积 Core cross-section	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

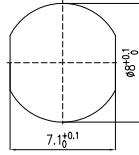
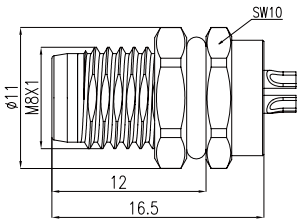
M8 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M8 A码，公头，后端安装，M8安装螺纹，标准螺母

M8 A-code, Male, Rear-mounted, Screw-in thread with M8



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03MBRB8SC011	M08A04MBRB8SC011	M08A06MBRB8SC011	M08A08MBRB8SC011
货号 ID	1009010000011	1009010000012	1009010000013	1009010000014
触点分配 Contact assignment				
导线截面积 Core cross-section	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

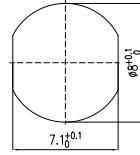
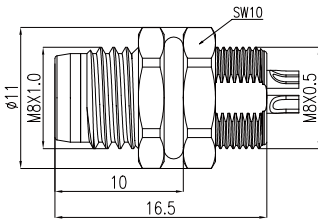
M8 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M8 A码，公头，前端安装，M8安装螺纹，标准螺母

M8 A-code, Male, Front-mounted, Screw-in thread with M8



推荐开孔尺寸
Mounting hole - Through

芯数 Number of Pins	3	4	6	8
型号 Type	M08A03MBRF8SC011	M08A04MBRF8SC011	M08A06MBRF8SC011	M08A08MBRF8SC011
货号 ID	1009010000015	1009010000016	1009010000017	1009010000018
触点分配 Contact assignment				
导线截面积 Core cross-section	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

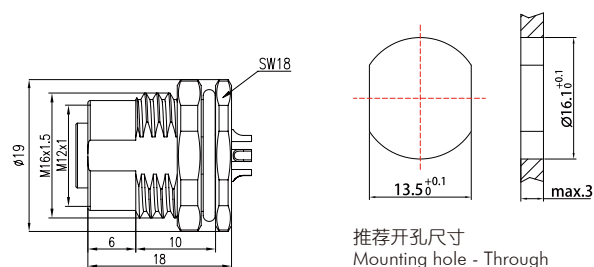
M12 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M12 A码，母头，后端安装，M16安装螺纹，标准螺母

M12 A-code, Female, Rear-mounted, Screw-in thread with M16



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03FBRB6SC011	M12A04FBRB6SC011	M12A05FBRB6SC011	M12A08FBRB6SC011	M12A12FBRB6SC011
货号 ID	1006010000007	1006010000021	1006010000035	1006010000063	1006010000091
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

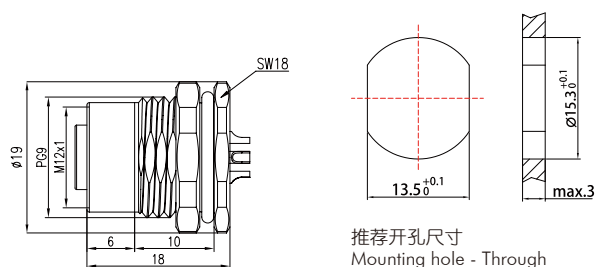
M12 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M12 A码，母头，后端安装，PG9安装螺纹，标准螺母

M12 A-code, Female, Rear-mounted, Screw-in thread with PG9



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03FBRB9SC011	M12A04FBRB9SC011	M12A05FBRB9SC011	M12A08FBRB9SC011	M12A12FBRB9SC011
货号 ID	1006010000008	1006010000022	1006010000036	1006010000064	1006010000092
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

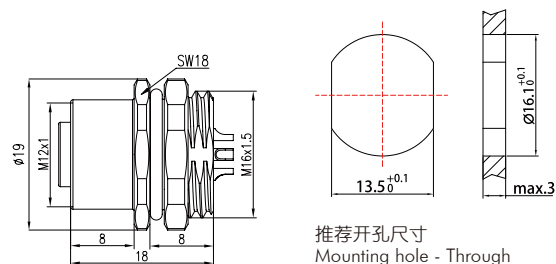
M12 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M12 A码，母头，前端安装，M16安装螺纹，标准螺母

M12 A-code, Female, Front-mounted, Screw-in thread with M16



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03FBRF6SC011	M12A04FBRF6SC011	M12A05FBRF6SC011	M12A08FBRF6SC011	M12A12FBRF6SC011
货号 ID	1006010000010	1006010000025	1006010000039	1006010000067	1006010000095
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

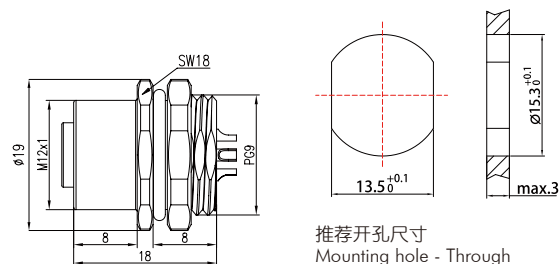
M12 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M12 A码，母头，前端安装，PG9安装螺纹，标准螺母

M12 A-code, Female, Front-mounted, Screw-in thread with PG9



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03FBRF9SC011	M12A04FBRF9SC011	M12A05FBRF9SC011	M12A08FBRF9SC011	M12A12FBRF9SC011
货号 ID	1006010000011	1006010000026	1006010000040	1006010000068	1006010000096
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

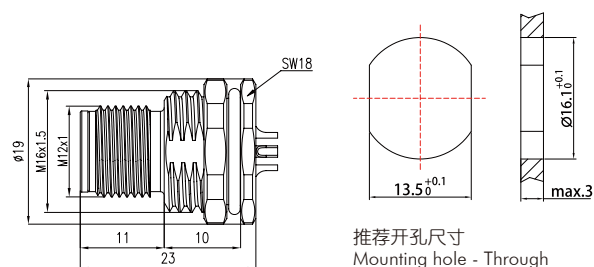
M12 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M12 A码，公头，后端安装，M16安装螺纹，标准螺母

M12 A-code, Male, Rear-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03MBRB6SC011	M12A04MBRB6SC011	M12A05MBRB6SC011	M12A08MBRB6SC011	M12A12MBRB6SC011
货号 ID	1006010000014	1006010000028	1006010000042	1006010000070	1006010000098
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

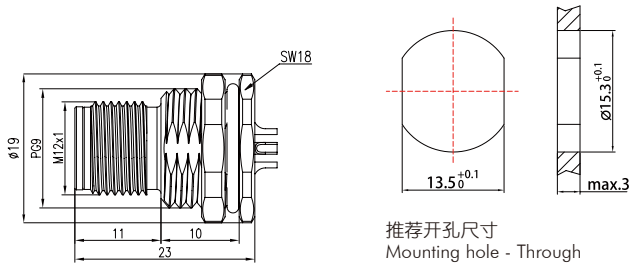
M12 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M12 A码，公头，后端安装，PG9安装螺纹，标准螺母

M12 A-code, Male, Rear-mounted, Screw-in thread with PG9



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03MBRB9SC011	M12A04MBRB9SC011	M12A05MBRB9SC011	M12A08MBRB9SC011	M12A12MBRB9SC011
货号 ID	1006010000015	1006010000029	1006010000043	1006010000071	1006010000099
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

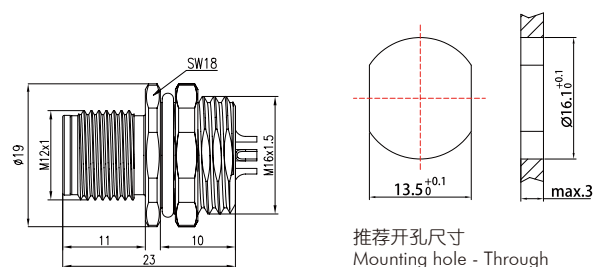
M12 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M12 A码，公头，前端安装，M16安装螺纹，标准螺母

M12 A-code, Male, Front-mounted, Screw-in thread with M16



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03MBRF6SC011	M12A04MBRF6SC011	M12A05MBRF6SC011	M12A08MBRF6SC011	M12A12MBRF6SC011
货号 ID	1006010000018	1006010000032	1006010000046	1006010000074	1006010000102
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

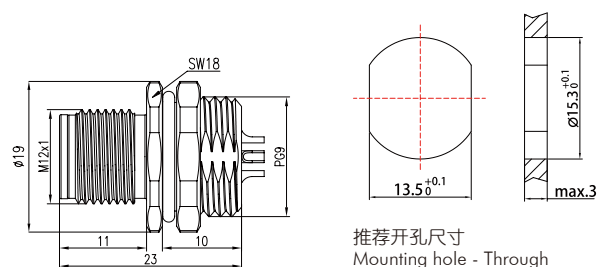
M12 板端固定式连接器，焊杯

Accessories for actuator/sensor cables – male flange with solder cup



M12 A码，公头，前端安装，PG9安装螺纹，标准螺母

M12 A-code, Male, Front-mounted, Screw-in thread with PG9



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03MBRF9SC011	M12A04MBRF9SC011	M12A05MBRF9SC011	M12A08MBRF9SC011	M12A12MBRF9SC011
货号 ID	1006010000019	1006010000033	1006010000047	1006010000075	1006010000103
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

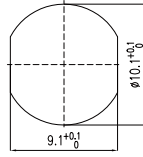
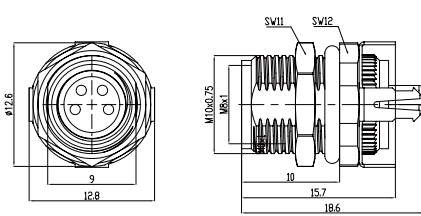
M8 板端固定式连接器，PCB

Accessories for actuator/sensor cables – male flange with wires



M8 A码，母头，后端安装，M10安装螺纹，PCB 180°

M8 A-code, Female, Rear-mounted, Screw-in thread with M10, PCB 180°



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03FBRB1P1001	M08A04FBRB1P1001	M08A06FBRB1P1001	M08A08FBRB1P1001
货号 ID	1009010000022	1009010000024	1009010000026	1009010000028
触点分配 Contact assignment				
引脚直径 Pin diameter	φ1.0 mm	φ1.0 mm	φ0.7 mm	φ0.6 mm
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

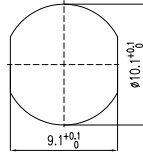
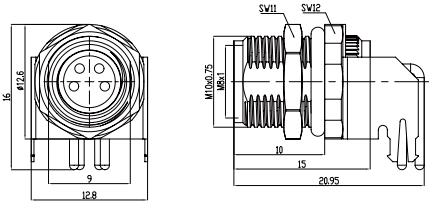
M8 板端固定式连接器，PCB

Accessories for actuator/sensor cables – male flange with wires



M8 A码，母头，后端安装，M8安装螺纹，PCB 90°

M8 A-code, Female, Rear-mounted, Screw-in thread with M10, PCB 90°



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03FBRB1P9001	M08A04FBRB1P9001	M08A06FBRB1P9001	M08A08FBRB1P9001
货号 ID	1009010000030	1009010000032	1009010000034	1009010000036
触点分配 Contact assignment				
引脚直径 Pin diameter	φ1.0 mm	φ1.0 mm	φ0.7 mm	φ0.6 mm
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

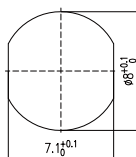
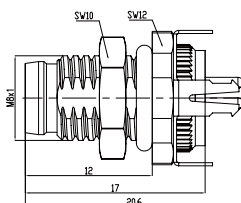
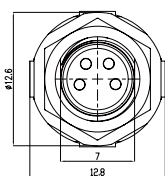
M8 板端固定式连接器，PCB

Accessories for actuator/sensor cables – male flange with wires



M8 A码，公头，后端安装，M8安装螺纹，PCB 180°

M8 A-code, Male, Rear-mounted, Screw-in thread with M8, PCB 180°



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03MBRB8P1001	M08A04MBRB8P1001	M08A06MBRB8P1001	M08A08MBRB8P1001
货号 ID	1009010000021	1009010000023	1009010000025	1009010000027
触点分配 Contact assignment				
引脚直径 Pin diameter	φ1.0 mm	φ1.0 mm	φ0.7 mm	φ0.6 mm
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

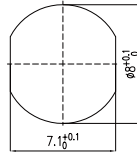
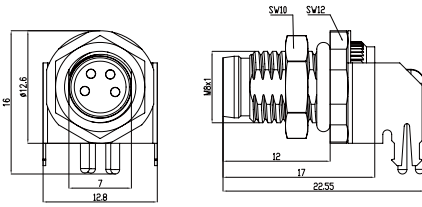
M8 板端固定式连接器，PCB

Accessories for actuator/sensor cables – male flange with wires



M8 A码，公头，后端安装，M8安装螺纹，PCB 90°

M8A-code, Male, Rear-mounted, Screw-in thread with M8, PCB 90°



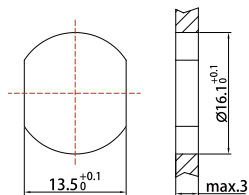
推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03MBRB8P9001	M08A04MBRB8P9001	M08A06MBRB8P9001	M08A08MBRB8P9001
货号 ID	1009010000029	1009010000031	1009010000033	1009010000035
触点分配 Contact assignment				
引脚直径 Pin diameter	φ1.0 mm	φ1.0 mm	φ0.7 mm	φ0.6 mm
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

M12 A 码, 母头, 后端安装, M16 安装螺纹, PCB 180°

M12 A-code, Female, Rear-mounted, Screw-in thread with M16, PCB 180°



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04FBRB6P1011	M12A05FBRB6P1011	M12A08FBRB6P1011	M12A12FBRB6P1011
货号 ID	1006010000495	1006010000487	1006010000492	1006010000493
触点分配 Contact assignment				
引脚直径 Pin diameter	φ1.0 mm	φ1.0 mm	φ0.7 mm	φ0.6 mm
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C … +80°C			
执行标准 Standard	IEC 61076-2-101			

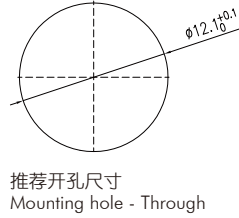
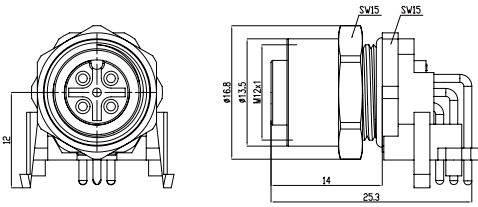
M12 板端固定式连接器, PCB

Accessories for actuator/sensor cables – male flange with wires



M12 A码, 母头, 后端安装, M12安装螺纹, PCB 90°

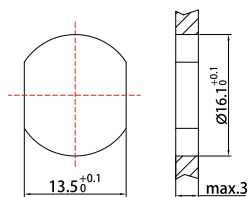
M12 A-code, Female, Rear-mounted, Screw-in thread with M16, PCB 90°



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04FBRB2P9001	M12A05FBRB2P9001	M12A08FBRB2P9001	M12A12FBRB2P9001
货号 ID	1006010000381	1006010000382	1006010000379	1006010000489
触点分配 Contact assignment				
引脚直径 Pin diameter	φ1.0 mm	φ1.0 mm	φ0.7 mm	φ0.6 mm
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金, 镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-101			

M12 A 码, 公头, 后端安装, M16 安装螺纹, PCB 180°

M12 A-code, Male, Rear-mounted, Screw-in thread with M16, PCB 180°



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04MBRB6P1011	M12A05MBRB6P1011	M12A08MBRB6P1011	M12A12MBRB6P1011
货号 ID	1006010000491	1006010000481	1006010000475	1006010000476
触点分配 Contact assignment				
引脚直径 Pin diameter	φ1.0 mm	φ1.0 mm	φ0.7 mm	φ0.6 mm
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C … +80°C			
执行标准 Standard	IEC 61076-2-101			

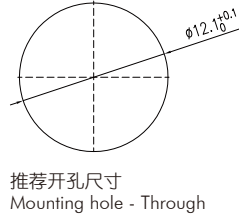
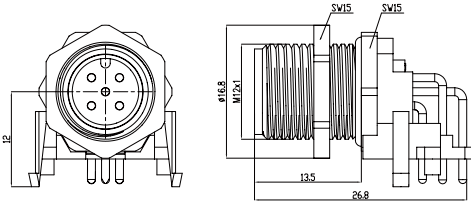
M12 板端固定式连接器, PCB

Accessories for actuator/sensor cables – male flange with wires



M12 A码, 公头, 后端安装, M12安装螺纹, PCB 90°

M12 A-code, Male, Rear-mounted, Screw-in thread with M16, PCB 90°



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04MBRB2P9001	M12A05MBRB2P9001	M12A08MBRB2P9001	M12A12MBRB2P9001
货号 ID	1006010000380	1006010000375	1006010000475	1006010000490
触点分配 Contact assignment				
引脚直径 Pin diameter	φ1.0 mm	φ1.0 mm	φ0.7 mm	φ0.6 mm
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金, 镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-101			

M系列连接器板端安装自带电子线

M Series--Receptacles with Wires



产品特点 Product Features

- M系列连接器板端安装自带电子线产品,节省了客户的产品开发周期同时也具有更小的安装空间,电子线长度可根据用户实际需求选择。
The M series receptacles integrated with wires, saving the customer's product development cycle and installation space.
The length of the wires can be selected according to actual needs..
- 依据IEC 61076-2标准设计, 兼容国内外各大品牌同类产品。
Compatible with similar products of main international brands, according to IEC 61076-2.
- PVC材质线材的产品能够满足多数应用场景。
PVC material wire products can be used in most application scenarios.
- 优质黄铜壳体具有更好的抗电磁干扰能力。
High-quality brass housing has better immunity to electromagnetic interference.
- 为客户提供集成化、定制化的方案和服务。
Providing integrated and customized solutions and services.

A-Code

B-Code

D-Code

X-Code

K-Code

L-Code

S-Code

T-Code

板端安装式连接器(带线)型谱 Receptacle

M12 A 05 F Z RB 6 WV 050 000

版本序列 Version No.

胶芯颜色 Rubber core color

0 黑色 Black	2 紫色 Purple
1 灰色 Grey	3 黄色 Yellow

密封件 Seal

0 NBR
1 FKM
2 SI

螺母 Nut

0 无 No
1 常规 Routine
2 齿形 Tooth shape

预制电线长度 Wire length

001 0.1 m
010 1.0 m
100 10 m

其他电线、电缆长度可根据需求定制 Other wire/cable length can be ordered on request

电线材质 Wire material

WV Wires integrated 电线式,PVC
WE Wires integrated 电线式,TPE
CV With Cable 电缆式,PVC
CU With Cable 电缆式,PUR

安装螺纹 Thread

0 无安装螺纹 No thread
6 M16
9 PG9
2 M12
1 1/2"-14 NPSM

安装方式 Mounting type

RF 前端安装 Receptacle front mounted
RB 后端安装 Receptacle rear-mounted
RS 方座法兰 Receptacle Square flange

外壳材质 Housing material

Z 压铸锌 Die-cast Zinc
B 黄铜镀镍 Brass, nickle plated
S 不锈钢 Stainless steel

公母 Gender

F 母头孔座 Female
M 公头针座 Male

芯数 Number of Pins

02 2-pin
03 3-pin
04 4-pin
05 5-pin
08 8-pin
12 12-pin

编码 Coding

A A-Coding 连接直流电, 标准24VDC和标准传感器信号接口
B B- Coding 连接直流电信号, Profibus、Interbus等现场总线
D D-Coding 多用于Profinet、Ethernet、CC-Link IE等以太网通讯
X X-Coding 用于高速千兆以太网
S S-Coding 用于交流电源
T T-Coding 用于直流电源
K K-Coding 用于交流电源
L L-Coding 用于直流电源

产品系列 Product Series

M12 M12系列 Series
M08 M8系列 Series
U78 7/8" Series

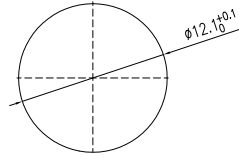
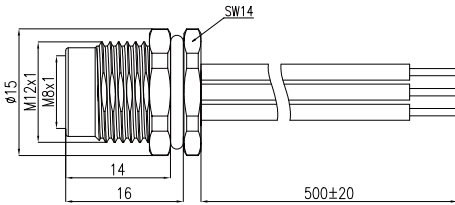
M8 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M8 A码，母头，后端安装，M12安装螺纹，标准螺母

M8 A-code, Female, Rear-mounted, Screw-in thread with M12



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03FBRB2WV005011	M08A04FBRB2WV005011	M08A06FBRB2WV005011	M08A08FBRB2WV005011
货号 ID	1009020000003	1009020000004	1009020000005	1009020000006
触点分配 Contact assignment				
导线截面积 Core cross-section	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

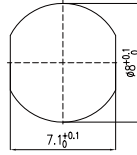
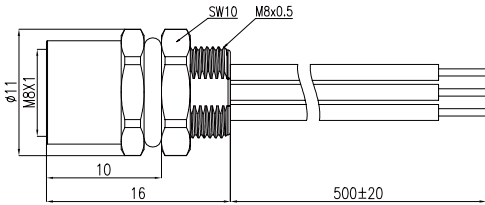
M8 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M8 A码，母头，前端安装，M8安装螺纹，标准螺母

M8 A-code, Female, Front-mounted, Screw-in thread with M8



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03FBRF8WV005011	M08A04FBRF8WV005011	M08A06FBRF8WV005011	M08A08FBRF8WV005011
货号 ID	1009020000007	1009020000008	1009020000009	1009020000010
触点分配 Contact assignment				
导线截面积 Core cross-section	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

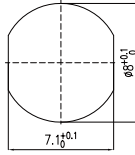
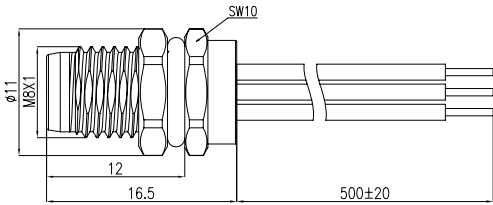
M8 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M8 A码，公头，后端安装，M8安装螺纹，标准螺母

M8 A-code, Male, Rear-mounted, Screw-in thread with M8



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03MBRB8WV005011	M08A04MBRB8WV005011	M08A06MBRB8WV005011	M08A08MBRB8WV005011
货号 ID	1009020000012	1009020000013	1009020000014	1009020000015
触点分配 Contact assignment				
导线截面积 Core cross-section	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

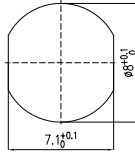
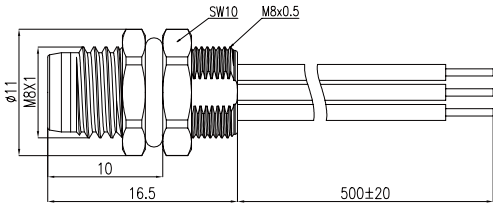
M8 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M8 A码，公头，前端安装，M8安装螺纹，标准螺母

M8 A-code, Male, Front-mounted, Screw-in thread with M8



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	6	8
型号 Type	M08A03MBRF8WV005011	M08A04MBRF8WV005011	M08A06MBRF8WV005011	M08A08MBRF8WV005011
货号 ID	1009020000016	1009020000017	1009020000018	1009020000019
触点分配 Contact assignment				
导线截面积 Core cross-section	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	60 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	1.5 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙 PA			
密封圈材料 Seal	氟橡胶 FKM			
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-104			

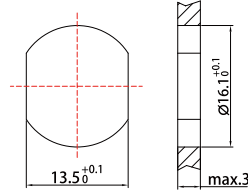
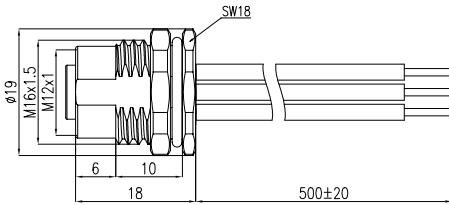
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 A码，母头，后端安装，M16安装螺纹，标准螺母

M12 A-code, Female, Rear-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03FBRB6WV005011	M12A04FBRB6WV005011	M12A05FBRB6WV005011	M12A08FBRB6WV005011	M12A12FBRB6WV005011
货号 ID	1006020000169	1006020000193	1006020000217	1006020000265	1006020000313
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

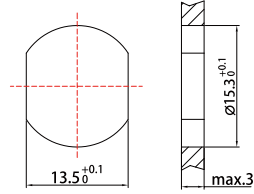
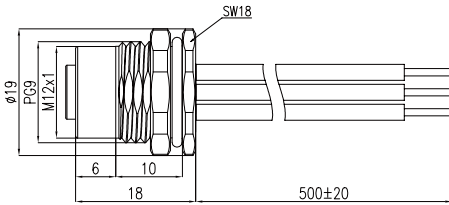
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 A码，母头，后端安装，PG9安装螺纹，标准螺母

M12 A-code, Female, Rear-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03FBRB9WV005011	M12A04FBRB9WV005011	M12A05FBRB9WV005011	M12A08FBRB9WV005011	M12A12FBRB9WV005011
货号 ID	1006020000181	1006020000205	1006020000229	1006020000277	1006020000325
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C … +80°C				
执行标准 Standard	IEC 61076-2-101				

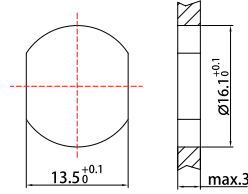
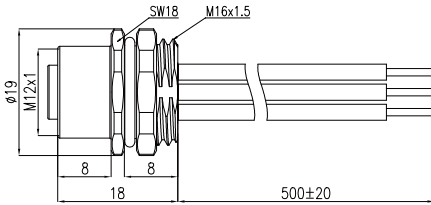
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 A码，母头，前端安装，M16安装螺纹，标准螺母

M12 A-code, Female, Front-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03FBRF6WV005011	M12A04FBRF6WV005011	M12A05FBRF6WV005011	M12A08FBRF6WV005011	M12A12FBRF6WV005011
货号 ID	1006020000175	1006020000199	1006020000223	1006020000271	1006020000319
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

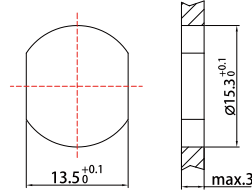
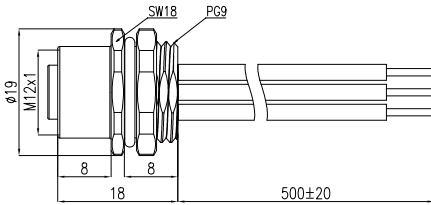
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 A码，母头，前端安装，PG9安装螺纹，标准螺母

M12 A-code, Female, Front-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03FBRF9WV005011	M12A04FBRF9WV005011	M12A05FBRF9WV005011	M12A08FBRF9WV005011	M12A12FBRF9WV005011
货号 ID	1006020000187	1006020000211	1006020000235	1006020000283	1006020000331
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

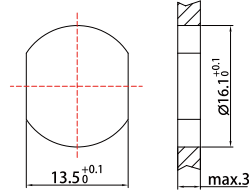
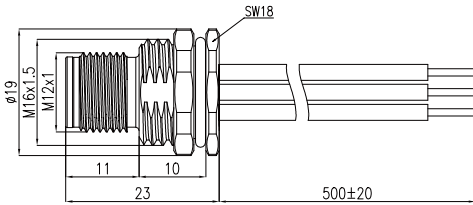
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 A码，公头，后端安装，M16安装螺纹，标准螺母

M12 A-code, Male, Rear-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03MBRB6WV005011	M12A04MBRB6WV005011	M12A05MBRB6WV005011	M12A08MBRB6WV005011	M12A12MBRB6WV005011
货号 ID	1006020000073	1006020000097	1006020000001	1006020000025	1006020000049
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C ... +80°C				
执行标准 Standard	IEC 61076-2-101				

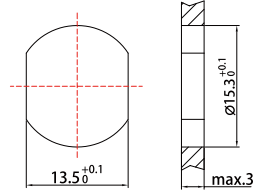
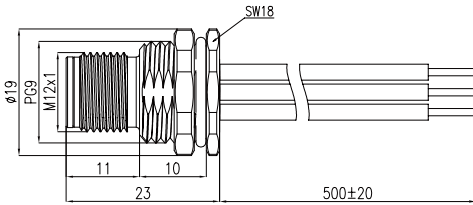
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 A码，公头，后端安装，PG9安装螺纹，标准螺母

M12 A-code, Male, Rear-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



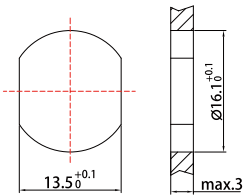
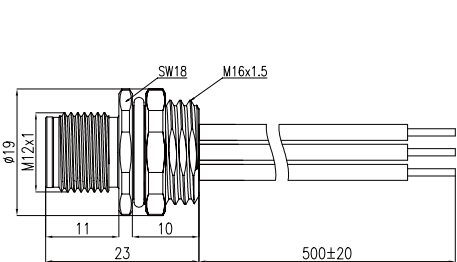
芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03MBRB9WV005011	M12A04MBRB9WV005011	M12A05MBRB9WV005011	M12A08MBRB9WV005011	M12A12MBRB9WV005011
货号 ID	1006020000085	1006020000109	1006020000013	1006020000037	1006020000061
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C … +80°C				
执行标准 Standard	IEC 61076-2-101				

M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires

M12 A码，公头，前端安装，M16安装螺纹，标准螺母

M12 A-code, Male, Front-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03MBRF6WV005011	M12A04MBRF6WV005011	M12A05MBRF6WV005011	M12A08MBRF6WV005011	M12A12MBRF6WV005011
货号 ID	1006020000079	1006020000103	1006020000007	1006020000031	1006020000055
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40℃ … +80℃				
执行标准 Standard	IEC 61076-2-101				

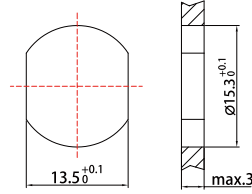
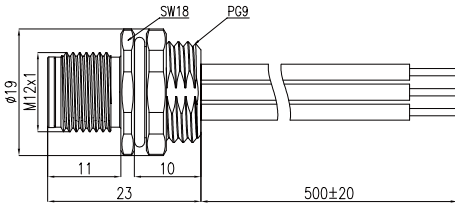
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 A码，公头，前端安装，PG9安装螺纹，标准螺母

M12 A-code, Male, Front-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



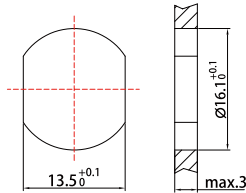
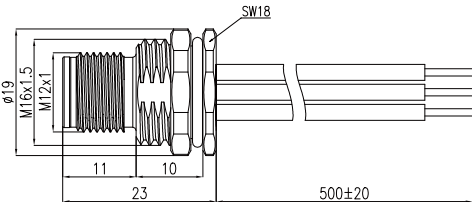
芯数 Number of Pins	3	4	5	8	12
型号 Type	M12A03MBRF9WV005011	M12A04MBRF9WV005011	M12A05MBRF9WV005011	M12A08MBRF9WV005011	M12A12MBRF9WV005011
货号 ID	1006020000091	1006020000115	1006020000019	1006020000043	1006020000067
触点分配 Contact assignment					
导线截面积 Core cross-section	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.34 mm ² (22AWG)	0.25 mm ² (24AWG)	0.14 mm ² (26AWG)
额定电压 Rated Voltage	250 V	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	4 A	2 A	1.5 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated				
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated				
绝缘体材料 Contact Carriers	尼龙 PA				
密封圈材料 Seal	氟橡胶 FKM				
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition				
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles				
工作温度 Ambient temperature range	-40°C … +80°C				
执行标准 Standard	IEC 61076-2-101				

M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires

M12 L码，公头，后端安装，M16安装螺纹，标准螺母

M12 L-code, Male, Rear-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2+FE	3+FE	4+FE
型号 Type	M12L2EMBRB6WV005011	M12L3EMBRB6WV005011	M12L4EMBRB6WV005011
货号 ID	1006020000456	1006020000462	1006020000468
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	63 V	63 V	63 V
额定电流 Rated current	16 A	16 A	16 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

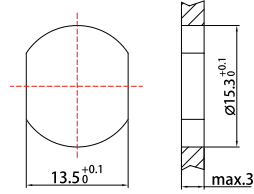
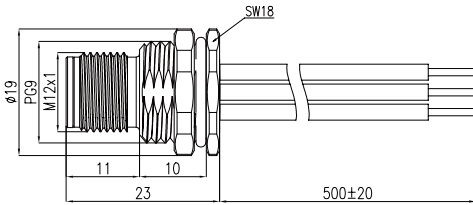
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 L码，公头，后端安装，PG9安装螺纹，标准螺母

M12 L-code, Male, Rear-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2+FE	3+FE	4+FE
型号 Type	M12L2EMBRB9WV005011	M12L3EMBRB9WV005011	M12L4EMBRB9WV005011
货号 ID	1006020000492	1006020000498	1006020000504
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	63 V	63 V	63 V
额定电流 Rated current	16 A	16 A	16 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

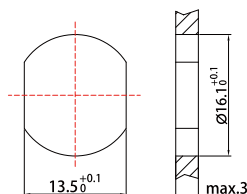
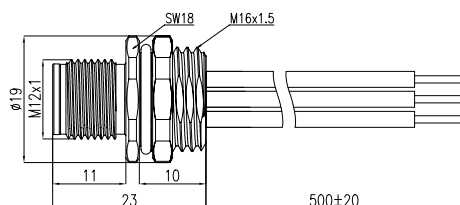
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 L码，公头，前端安装，M16安装螺纹，标准螺母

M12 L-code, Male, Front-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



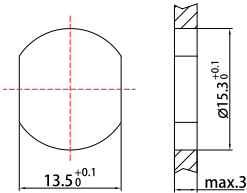
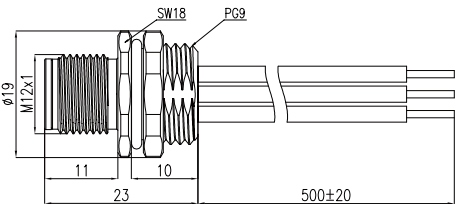
芯数 Number of Pins	2+FE	3+FE	4+FE
型号 Type	M12L2EMBRF6WV005011	M12L3EMBRF6WV005011	M12L4EMBRF6WV005011
货号 ID	1006020000528	1006020000534	1006020000540
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	63 V	63 V	63 V
额定电流 Rated current	16 A	16 A	16 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires

M12 L码，公头，前端安装，PG9安装螺纹，标准螺母

M12 L-code, Male, Front-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2+FE	3+FE	4+FE
型号 Type	M12L2EMBRF9WV005011	M12L3EMBRF9WV005011	M12L4EMBRF9WV005011
货号 ID	1006020000564	1006020000570	1006020000576
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	63 V	63 V	63 V
额定电流 Rated current	16 A	16 A	16 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

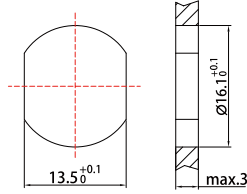
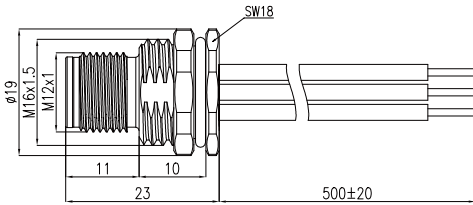
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 K码，公头，后端安装，M16安装螺纹，标准螺母

M12 K-code, Male, Rear-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2+FE	3+FE	4+FE
型号 Type	M12K2EMBRB6WV005011	M12K3EMBRB6WV005011	M12K4EMBRB6WV005011
货号 ID	1006020000600	1006020000606	1006020000612
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	630 V	630 V	630 V
额定电流 Rated current	12 A	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

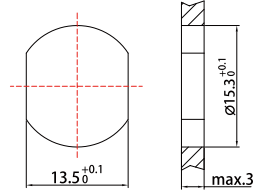
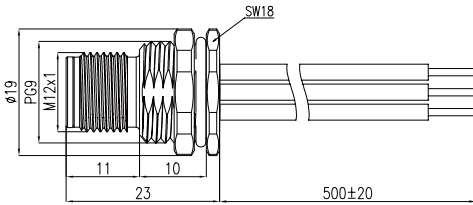
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 K码，公头，后端安装，PG9安装螺纹，标准螺母

M12 K-code, Male, Rear-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2+FE	3+FE	4+FE
型号 Type	M12K2EMBRB9WV005011	M12K3EMBRB9WV005011	M12K4EMBRB9WV005011
货号 ID	1006020000618	1006020000624	1006020000630
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	630 V	630 V	630 V
额定电流 Rated current	12 A	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

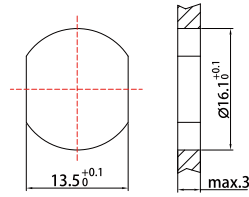
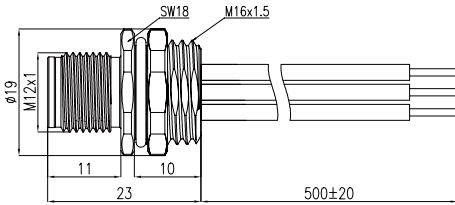
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 K码，公头，前端安装，M16安装螺纹，标准螺母

M12 K-code, Male, Front-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2+FE	3+FE	4+FE
型号 Type	M12K2EMBRF6WW005011	M12K3EMBRF6WW005011	M12K4EMBRF6WW005011
货号 ID	1006020000636	1006020000642	1006020000648
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	630 V	630 V	630 V
额定电流 Rated current	12 A	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

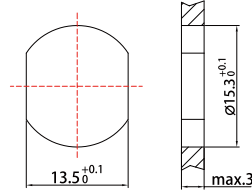
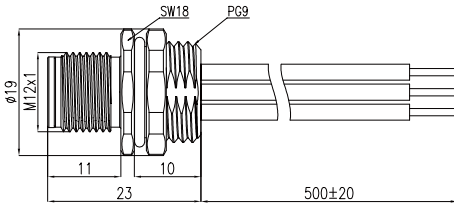
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 K码，公头，前端安装，PG9安装螺纹，标准螺母

M12 K-code, Male, Front-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2+FE	3+FE	4+FE
型号 Type	M12K2EMBRF9WV005011	M12K3EMBRF9WV005011	M12K4EMBRF9WV005011
货号 ID	1006020000654	1006020000660	1006020000666
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	630 V	630 V	630 V
额定电流 Rated current	12 A	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

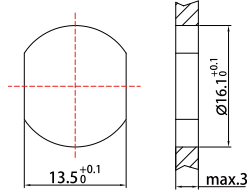
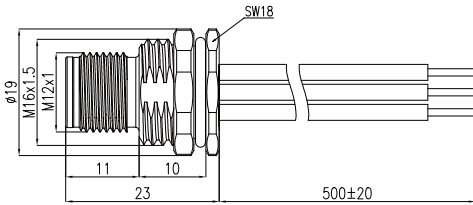
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 T码，公头，后端安装，M16安装螺纹，标准螺母

M12 T-code, Male, Rear-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



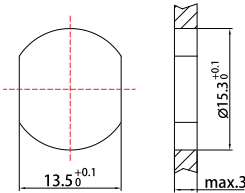
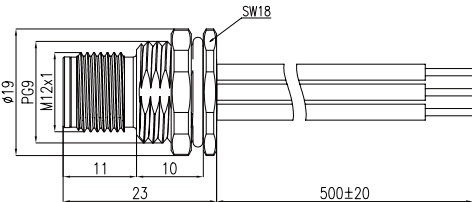
芯数 Number of Pins	2	3	4
型号 Type	M12T02MBRB6WV005011	M12T03MBRB6WV005011	M12T04MBRB6WV005011
货号 ID	1006020000385	1006020000391	1006020000397
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	63 V	63 V	63 V
额定电流 Rated current	12 A	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires

M12 T码，公头，后端安装，PG9安装螺纹，标准螺母

M12 T-code, Male, Rear-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



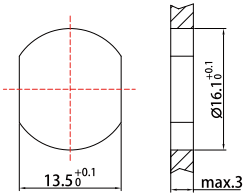
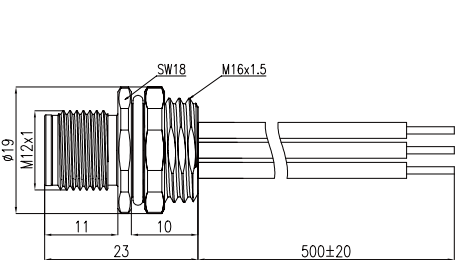
芯数 Number of Pins	2	3	4
型号 Type	M12T02MBRB9WV005011	M12T03MBRB9WV005011	M12T04MBRB9WV005011
货号 ID	1006020000403	1006020000409	1006020000415
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	63 V	63 V	63 V
额定电流 Rated current	12 A	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires

M12 T码，公头，前端安装，M16安装螺纹，标准螺母

M12 T-code, Male, Front-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2	3	4
型号 Type	M12T02MBRF6WV005011	M12T03MBRF6WV005011	M12T04MBRF6WV005011
货号 ID	1006020000420	1006020000426	1006020000432
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	63 V	63 V	63 V
额定电流 Rated current	12 A	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

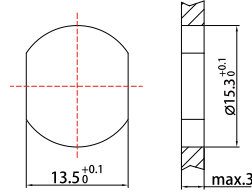
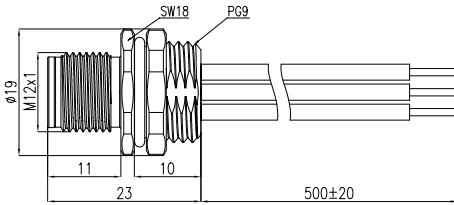
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 T码，公头，前端安装，PG9安装螺纹，标准螺母

M12 T-code, Male, Front-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2	3	4
型号 Type	M12T02MBRF9WV005011	M12T03MBRF9WV005011	M12T04MBRF9WV005011
货号 ID	1006020000438	1006020000444	1006020000450
触点分配 Contact assignment			
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	63 V	63 V	63 V
额定电流 Rated current	12 A	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated		
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated		
绝缘体材料 Contact Carriers	尼龙 PA		
密封圈材料 Seal	氟橡胶 FKM		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-40°C … +80°C		
执行标准 Standard	IEC 61076-2-101		

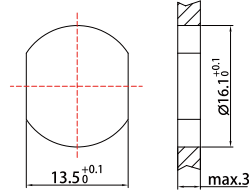
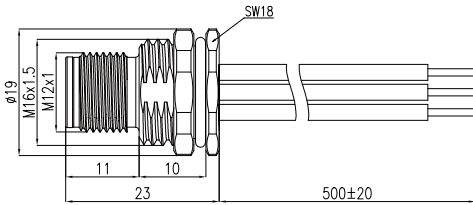
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 S码，公头，后端安装，M16安装螺纹，标准螺母

M12 S-code, Male, Rear-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



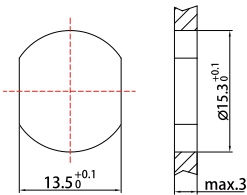
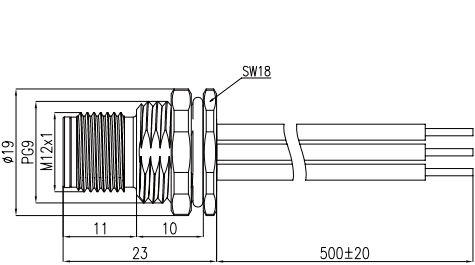
芯数 Number of Pins	2+PE	3+PE
型号 Type	M12S2EMBRB6WV005011	M12S3EMBRB6WV005011
货号 ID	1006020000343	1006020000337
触点分配 Contact assignment		
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	630 V	630 V
额定电流 Rated current	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated	
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated	
绝缘体材料 Contact Carriers	尼龙 PA	
密封圈材料 Seal	氟橡胶 FKM	
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition	
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles	
工作温度 Ambient temperature range	-40℃ … +80℃	
执行标准 Standard	IEC 61076-2-101	

M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires

M12 S码，公头，后端安装，PG9安装螺纹，标准螺母

M12 S-code, Male, Rear-mounted, Screw-in thread with PG9



推荐开孔尺寸
Mounting hole - Through



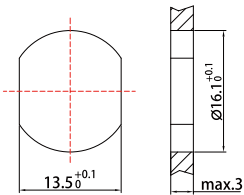
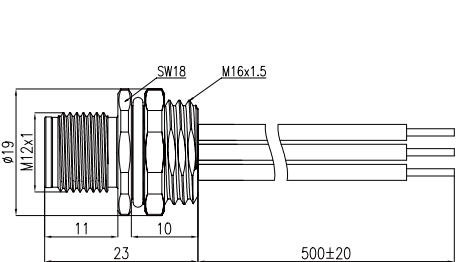
芯数 Number of Pins	2+PE	3+PE
型号 Type	M12S2EMBRB9WV005011	M12S3EMBRB9WV005011
货号 ID	1006020000373	1006020000361
触点分配 Contact assignment		
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	630 V	630 V
额定电流 Rated current	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated	
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated	
绝缘体材料 Contact Carriers	尼龙 PA	
密封圈材料 Seal	氟橡胶 FKM	
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition	
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles	
工作温度 Ambient temperature range	-40°C … +80°C	
执行标准 Standard	IEC 61076-2-101	

M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires

M12 S码，公头，前端安装，M16安装螺纹，标准螺母

M12 S-code, Male, Front-mounted, Screw-in thread with M16



推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2+PE	3+PE
型号 Type	M12S2EMBRF6WW005011	M12S3EMBRF6WW005011
货号 ID	1006020000355	1006020000349
触点分配 Contact assignment		
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	630 V	630 V
额定电流 Rated current	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated	
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated	
绝缘体材料 Contact Carriers	尼龙 PA	
密封圈材料 Seal	氟橡胶 FKM	
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition	
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles	
工作温度 Ambient temperature range	-40℃ … +80℃	
执行标准 Standard	IEC 61076-2-101	

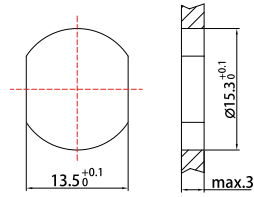
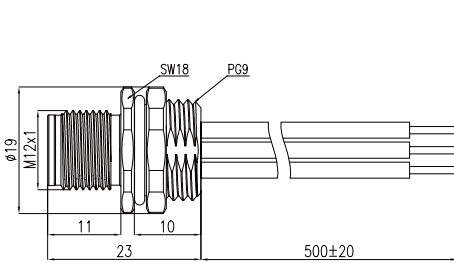
M12 板端固定式连接器，电子线

Accessories for actuator/sensor cables – male flange with wires



M12 S码，公头，前端安装，PG9安装螺纹，标准螺母

M12 S-code, Male, Front-mounted, Screw-in thread with PG9



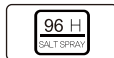
推荐开孔尺寸
Mounting hole - Through



芯数 Number of Pins	2+PE	3+PE
型号 Type	M12S2EMBRF9WV005011	M12S3EMBRF9WV005011
货号 ID	1006020000379	1006020000367
触点分配 Contact assignment		
导线截面积 Core cross-section	1.5 mm ² (16AWG)	1.5 mm ² (16AWG)
额定电压 Rated Voltage	630 V	630 V
额定电流 Rated current	12 A	12 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated	
外壳材料 Flange housing	铜合金，镀镍 Brass, Nickel-plated	
绝缘体材料 Contact Carriers	尼龙 PA	
密封圈材料 Seal	氟橡胶 FKM	
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition	
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles	
工作温度 Ambient temperature range	-40°C ... +80°C	
执行标准 Standard	IEC 61076-2-101	

现场接线式连接器

M Series--Field-Wireable Connector



产品特点 Product Features

- M系列连接器现场安装型产品,种类丰富,设计紧凑,灵活易操作。
M series fieldwireable connector, with varieties, compact design, flexibility and easy operation.
- 依据IEC 61076-2标准设计, 兼容国内外各大品牌同类产品。
Compatible with similar products of main international brands, according to IEC 61076-2.
- 外壳多种材质可选,能满足不同应用场景需求。
A variety of materials are available for the housing, which can meet the needs of different application scenarios.
- 优质铜合金导体表面镀金处理, 提高接触件耐腐蚀性的同时也能满足高频率插拔的需求。
The surface of the high-quality copper alloy conductor is gold-plated, which improves the corrosion resistance of the contacts and also meets the needs of high-frequency insertion and removal.
- 为客户提供定制特殊应用及个性化需求的产品。
Provide customers with customized products for special applications and individual needs.

现场组装式连接器型谱 Fieldwireable connector

M12 A 05 F Z SFW SC 4060 01

版本 Version

电缆外径 Cable OD range
4060 4.0...6.0 mm
6080 6.0...8.0 mm
3550 3.5...5.0 mm
3050 3.0...5.0 mm

接线方式 Connection mode
SR Screw螺钉接线
CP Crimping 压接
SC Solder cup焊接
PT Piercing technology
PS Push in
IC IDC

现场组装式连接器 Fieldwireable connector
AFW 弯头现场组装式
SFW 直头现场组装式

外壳材质 Housing material
Z 压铸锌 Die-cast Zinc
B 黄铜镀镍 Brass, nickle placed
S 不锈钢 Stainless steel

公母 Gender
F 母头孔座 Female
M 公头针座 Male

芯数 Number of Pins
02 2-pin
03 3-pin
04 4-pin
05 5-pin
08 8-pin
12 12-pin

编码 Coding
A A-Coding 连接直流电, 标准24VDC和标准传感器信号接口
B B- Coding 连接直流电信号, Profibus、Interbus等现场总线
D D-Coding 多用于Profinet、Ethernet、CC-Link IE等以太网通讯
X X-Coding 用于高速千兆以太网
S S-Coding 用于交流电源
T T-Coding 用于直流电源
K K-Coding 用于交流电源
L L-Coding 用于直流电源

产品系列 Product Series
M12 M12系列 Series
M08 M8系列 Series
U78 7/8" Series

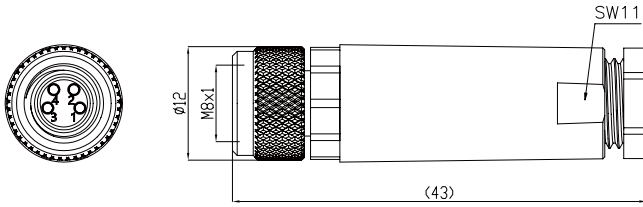
M8 现场接线式连接器

M8 Field-wireable connector



M8, 塑料外壳, 直式母头

M8 A-code, Plastic housing, Female-straight



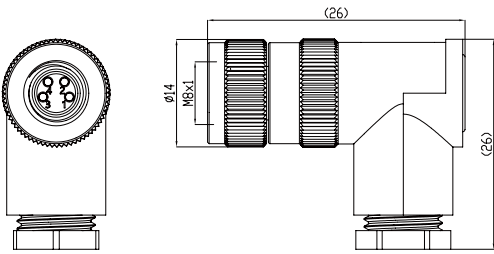
芯数 Number of Pins	3	4
型号 Type	M08A03FPSFWSR355002	M08A04FPSFWSR355002
货号 ID	1009030000005	1009030000009
触点分配 Contact assignment		
允许电缆外径 External diameter of the cable	3.5...5 mm	3.5...5 mm
电线截面积 Wiring specification	0.14...0.5 mm ²	0.14...0.5 mm ²
额定电压 Rated Voltage	60 V	60 V
额定电流 Rated current	3 A	3 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated	
外壳材料 Flange housing	尼龙 PA	
绝缘体材料 Contact Carriers	尼龙-66 PA66	
接线方式 Connection mode	螺钉压接 Screw terminal connection	
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition	
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles	
工作温度 Ambient temperature range	-20°C ... +80°C	
执行标准 Standard	IEC 61076-2-104	

M8 现场接线式连接器

M8 Field-wireable connector

M8 A码，塑料外壳，弯式母头

M8 A-code, Plastic housing, Female-angled



芯数 Number of Pins	3	4
型号 Type	M08A03FPAFWSR355001	M08A04FPAFWSR355001
货号 ID	1009030000007	1009030000011
触点分配 Contact assignment		
允许电缆外径 External diameter of the cable	3.5...5 mm	3.5...5 mm
电线截面积 Wiring specification	0.14...0.5 mm ²	0.14...0.5 mm ²
额定电压 Rated Voltage	60 V	60 V
额定电流 Rated current	3 A	3 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated	
外壳材料 Flange housing	尼龙 PA	
绝缘体材料 Contact Carriers	尼龙-66 PA66	
接线方式 Connection mode	螺钉压接 Screw terminal connection	
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition	
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles	
工作温度 Ambient temperature range	-20°C ... +80°C	
执行标准 Standard	IEC 61076-2-104	

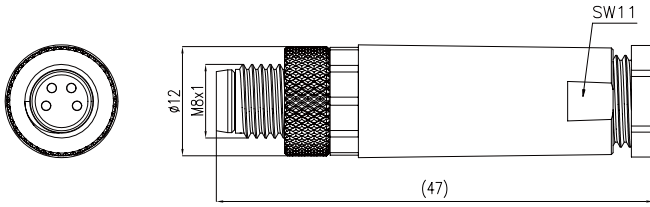
M8 现场接线式连接器

M8 Field-wireable connector



M8, 塑料外壳, 直式公头

M8 A-code, Plastic housing, Male-stright



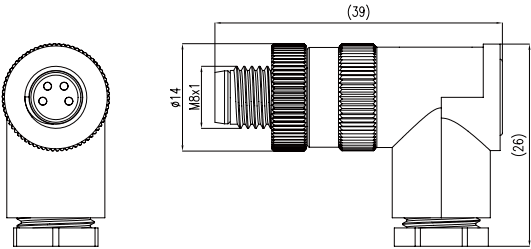
芯数 Number of Pins	3	4
型号 Type	M08A03MPSFWSR355002	M08A04MPSFWSR355002
货号 ID	1009030000006	1009030000010
触点分配 Contact assignment		
允许电缆外径 External diameter of the cable	3.5...5 mm	3.5...5 mm
电线截面积 Wiring specification	0.14...0.5 mm ²	0.14...0.5 mm ²
额定电压 Rated Voltage	60 V	60 V
额定电流 Rated current	3 A	3 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated	
外壳材料 Flange housing	尼龙 PA	
绝缘体材料 Contact Carriers	尼龙-66 PA66	
接线方式 Connection mode	螺钉压接 Screw terminal connection	
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition	
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles	
工作温度 Ambient temperature range	-20°C ... +80°C	
执行标准 Standard	IEC 61076-2-104	

M8 现场接线式连接器

M8 Field-wireable connector

M8 A码，塑料外壳，弯式公头

M8 A-code, Plastic housing, Male-angled



芯数 Number of Pins	3	4
型号 Type	M08A03MPAFWSR355001	M08A04MPAFWSR355001
货号 ID	1009030000008	1009030000012
触点分配 Contact assignment		
允许电缆外径 External diameter of the cable	3.5...5 mm	3.5...5 mm
电线截面积 Wiring specification	0.14...0.5 mm ²	0.14...0.5 mm ²
额定电压 Rated Voltage	60 V	60 V
额定电流 Rated current	3 A	3 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated	
外壳材料 Flange housing	尼龙 PA	
绝缘体材料 Contact Carriers	尼龙-66 PA66	
接线方式 Connection mode	螺钉压接 Screw terminal connection	
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition	
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles	
工作温度 Ambient temperature range	-20°C ... +80°C	
执行标准 Standard	IEC 61076-2-104	

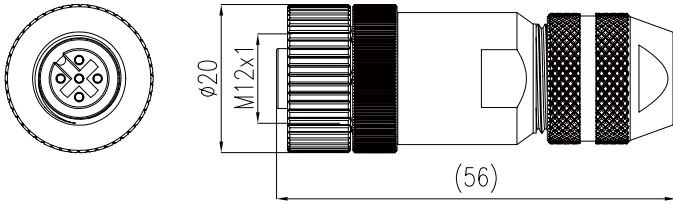
M12 现场接线式连接器

M12 Field-wireable connector



M12 A码, 金属外壳, 直式母头

M12 A-code, Metal housing, Female-stright



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04FZSFWSR408005	M12A05FZSFWSR408005	M12A08FZSFWSR408005	M12A12FZSFWSC408005
货号 ID	1006030000029	1006030000033	1006030000037	1006030000028
触点分配 Contact assignment				
允许电缆外径 External diameter of the cable	4...8 mm	4...8 mm	4...8 mm	6-8 mm
电线截面积 Wiring specification	0.14-0.75 mm ²	0.14-0.75 mm ²	0.20-0.75 mm ²	0.14...0.25 mm ²
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	2 A	1 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated			
外壳材料 Flange housing	压铸锌, 表面镀镍 Die-cast Zinc, Nickel-plated	压铸锌, 表面镀镍 Die-cast Zinc, Nickel-plated	压铸锌, 表面镀镍 Die-cast Zinc, Nickel-plated	铜合金 表面镀镍 Brass, Nickel-plated
绝缘体材料 Contact Carriers	尼龙-66 PA66			
接线方式 Connection mode	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	焊接 Solder contact
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40℃ ... +80℃			
执行标准 Standard	IEC 61076-2-101			

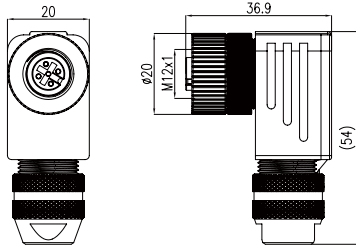
M12 现场接线式连接器

M12 Field-wireable connector



M12 A码，金属外壳，弯式母头

M12 A-code, Metal housing, Female-angled



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04FZAFWSR408005	M12A05FZAFWSR408005	M12A08FZAFWSR408005	M12A12FZAFWSC408005
货号 ID	1006030000031	1006030000035	1006030000039	1006030000050
触点分配 Contact assignment				
允许电缆外径 External diameter of the cable	4...8 mm	4...8 mm	4...8 mm	6-8 mm
电线截面积 Wiring specification	0.14-0.75 mm ²	0.14-0.75 mm ²	0.20-0.75 mm ²	0.14...0.25 mm ²
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	2 A	1 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	压铸锌，表面镀镍 Die-cast Zinc, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙-66 PA66			
接线方式 Connection mode	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	焊接 Solder contact
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40℃ ... +80℃			
执行标准 Standard	IEC 61076-2-101			

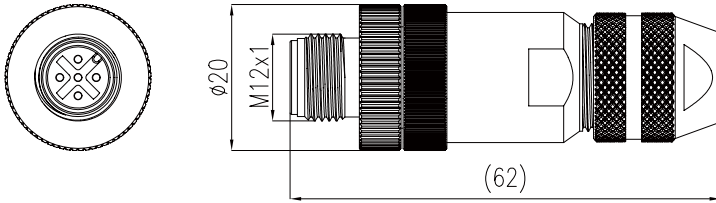
M12 现场接线式连接器

M12 Field-wireable connector



M12 A码, 金属外壳, 直式公头

M12 A-code, Metal housing, Male-stright



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04MZSFWSR408005	M12A05MZSFWSR408005	M12A08MZSFWSR408005	M12A12MZSFWSC408005
货号 ID	1006030000030	1006030000034	1006030000038	1006030000049
触点分配 Contact assignment				
允许电缆外径 External diameter of the cable	4...8 mm	4...8 mm	4...8 mm	6-8 mm
电线截面积 Wiring specification	0.14-0.75 mm ²	0.14-0.75 mm ²	0.20-0.75 mm ²	0.14...0.25 mm ²
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	2 A	1 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated			
外壳材料 Flange housing	压铸锌, 表面镀镍 Die-cast Zinc, Nickel-plated	压铸锌, 表面镀镍 Die-cast Zinc, Nickel-plated	压铸锌, 表面镀镍 Die-cast Zinc, Nickel-plated	铜合金 表面镀镍 Brass, Nickel-plated
绝缘体材料 Contact Carriers	尼龙-66 PA66			
接线方式 Connection mode	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	焊接 Solder contact
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40℃ ... +80℃			
执行标准 Standard	IEC 61076-2-101			

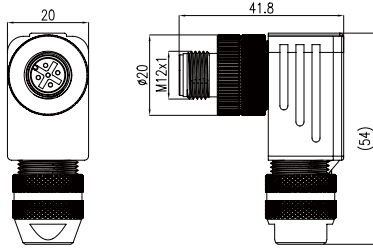
M12 现场接线式连接器

M12 Field-wireable connector



M12 A码，金属外壳，弯式公头

M12 A-code, Metal housing, Male-angled



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04MZAFWSR408005	M12A05MZAFWSR408005	M12A08MZAFWSR408005	M12A12MZAFWSC408005
货号 ID	1006030000032	1006030000036	1006030000040	1006030000051
触点分配 Contact assignment				
允许电缆外径 External diameter of the cable	4...8 mm	4...8 mm	4...8 mm	6-8 mm
电线截面积 Wiring specification	0.14-0.75 mm ²	0.14-0.75 mm ²	0.20-0.75 mm ²	0.14...0.25 mm ²
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	2 A	1 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	压铸锌，表面镀镍 Die-cast Zinc, Nickel-plated			
绝缘体材料 Contact Carriers	尼龙-66 PA66			
接线方式 Connection mode	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	焊接 Solder contact
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40℃ ... +80℃			
执行标准 Standard	IEC 61076-2-101			

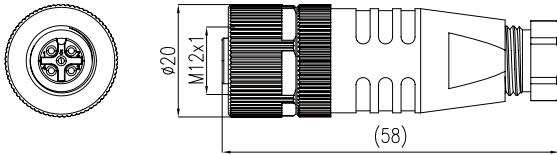
M12 现场接线式连接器

M12 Field-wireable connector



M12 A码，塑料外壳，直式母头

M12 A-code, Plastic housing, Female-stright



芯数 Number of Pins	4		8	12
型号 Type	M12A04FPSFWSR406001 M12A04FPSFWSR608001	M12A05FPSFWSR406001 M12A05FPSFWSR608001	M12A08FPSFWSR608001	M12A12FPSFWSC608001
货号 ID	1006030000004 1006030000006		1006030000018	1006030000022
触点分配 Contact assignment				
允许电缆外径 External diameter of the cable	4-6 mm 6-8 mm		6-8 mm	6-8 mm
电线截面积 Wiring specification	0.14-0.75 mm ²		0.20-0.75 mm ²	0.14...0.25 mm ²
额定电压 Rated Voltage	250 V		30 V	30 V
额定电流 Rated current	4 A		2 A	1 A
接触件材料 Contacts				
外壳材料 Flange housing				
绝缘体材料 Contact Carriers				
接线方式 Connection mode	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	焊接 Solder contact
防护等级 Protection Class				
机械寿命 Mechanical lifespan				
工作温度 Ambient temperature range				
执行标准 Standard				

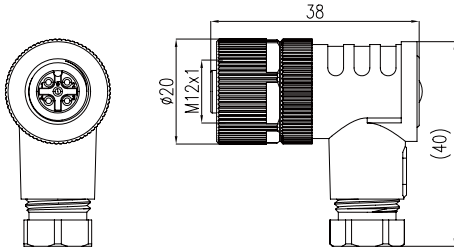
M12 现场接线式连接器

M12 Field-wireable connector



M12 A码，塑料外壳，弯式母头

M12 A-code, Plastic housing, Female-angel



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04FPAFWSR406001	M12A05FPAFWSR406001	M12A08FPAFWSR608001	M12A12FPAFWSC608001
货号 ID	1006030000008	1006030000014	1006030000020	1006030000024
触点分配 Contact assignment				
允许电缆外径 External diameter of the cable	4-6 mm	4-6 mm	6-8 mm	6-8 mm
电线截面积 Wiring specification	0.14-0.75 mm ²	0.14-0.75 mm ²	0.20-0.75 mm ²	0.14...0.25 mm ²
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	2 A	1 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	尼龙 PA			
绝缘体材料 Contact Carriers	尼龙-66 PA66			
接线方式 Connection mode	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	焊接 Solder contact
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥100 次拔插 ≥100 Mating cycles			
工作温度 Ambient temperature range	-40℃ ... +80℃			
执行标准 Standard	IEC 61076-2-101			

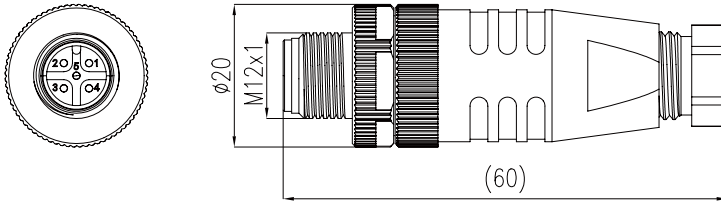
M12 现场接线式连接器

M12 Field-wireable connector



M12 A码，塑料外壳，直式公头

M12 A-code, Plastic housing, Male-stright



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04MPSFWSR406001 M12A04MPSFWSR608001	M12A05MPSFWSR406001 M12A05MPSFWSR608001	M12A08MPSFWSR608001	M12A12MPSFWSC608001
货号 ID	1006030000005 1006030000007	1006030000011 1006030000013	1006030000019	1006030000023
触点分配 Contact assignment				
允许电缆外径 External diameter of the cable	4-6 mm 6-8 mm	4-6 mm 6-8 mm	6-8 mm	6-8 mm
电线截面积 Wiring specification	0.14-0.75 mm ²	0.14-0.75 mm ²	0.20-0.75 mm ²	0.14...0.25 mm ²
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	2 A	1 A
接触件材料 Contacts	铜合金，镀金 Brass, Gold-plated			
外壳材料 Flange housing	尼龙 PA			
绝缘体材料 Contact Carriers	尼龙-66 PA66			
接线方式 Connection mode	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	焊接 Solder contact
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥ 100 次拔插 ≥ 100 Mating cycles			
工作温度 Ambient temperature range	-40℃ ... +80℃			
执行标准 Standard	IEC 61076-2-101			

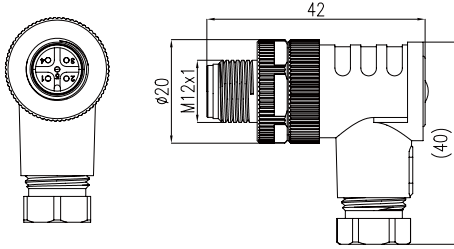
M12 现场接线式连接器

M12 Field-wireable connector



M12 A码, 塑料外壳, 弯式公头

M12 A-code, Plastic housing, Male-angel



芯数 Number of Pins	4	5	8	12
型号 Type	M12A04MPAFWSR406001	M12A05MPAFWSR406001	M12A08MPAFWSR608001	M12A12MPAFWSR608001
货号 ID	1006030000009	1006030000015	1006030000021	1006030000025
触点分配 Contact assignment				
允许电缆外径 External diameter of the cable	4-6 mm	4-6 mm	6-8 mm	6-8 mm
电线截面积 Wiring specification	0.14-0.75 mm ²	0.14-0.75 mm ²	0.20-0.75 mm ²	0.14...0.25 mm ²
额定电压 Rated Voltage	250 V	60 V	30 V	30 V
额定电流 Rated current	4 A	4 A	2 A	1 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated			
外壳材料 Flange housing	尼龙 PA			
绝缘体材料 Contact Carriers	尼龙-66 PA66			
接线方式 Connection mode	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	螺钉压接 Screw terminal connection	焊接 Solder contact
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition			
机械寿命 Mechanical lifespan	≥ 100 次拔插 ≥ 100 Mating cycles			
工作温度 Ambient temperature range	-40°C ... +80°C			
执行标准 Standard	IEC 61076-2-101			

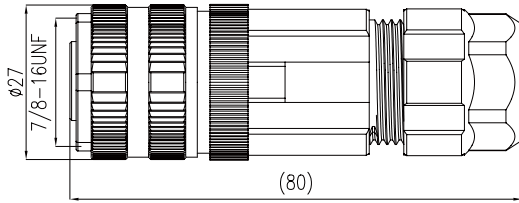
7/8" 现场接线式连接器

7/8" Field-wireable connector



7/8", 塑料外壳, 直式母头

7/8" , Plastic housing, Female-stright



芯数 Number of Pins	3	4	5
型号 Type	U78A03FPSFWSR101202	U78A04FPSFWSR101202	U78A05FPSFWSR101202
货号 ID	1011030000002	1011030000006	1011030000010
触点分配 Contact assignment			
允许电缆外径 External diameter of the cable	10 ... 12 mm	10 ... 12 mm	10 ... 12 mm
电线截面积 Wiring specification	1.5 ... 2.5 mm ²	1.5 ... 2.5 mm ²	1.5 ... 2.5 mm ²
额定电压 Rated Voltage	300 V	300 V	300 V
额定电流 Rated current	12 A	9 A	9 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated		
外壳材料 Flange housing	尼龙 PA		
绝缘体材料 Contact Carriers	尼龙-66 PA66		
接线方式 Connection mode	螺钉压接 Screw terminal connection		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥500 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-20°C ... +80°C		

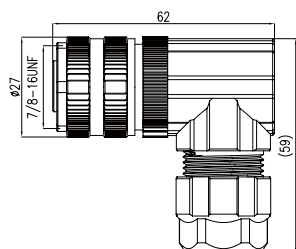
7/8" 现场接线式连接器

7/8" Field-wireable connector



7/8", 塑料外壳, 弯式母头

7/8", Plastic housing, Female-angled



芯数 Number of Pins	3	4	5
型号 Type	U78A03FPAFWSR101202	U78A04FPAFWSR101202	U78A05FPAFWSR101202
货号 ID	1011030000004	1011030000008	1011030000012
触点分配 Contact assignment			
允许电缆外径 External diameter of the cable	10 ... 12 mm	10 ... 12 mm	10 ... 12 mm
电线截面积 Wiring specification	1.5 ... 2.5 mm ²	1.5 ... 2.5 mm ²	1.5 ... 2.5 mm ²
额定电压 Rated Voltage	300 V	300 V	300 V
额定电流 Rated current	12 A	9 A	9 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated		
外壳材料 Flange housing	尼龙 PA		
绝缘体材料 Contact Carriers	尼龙-66 PA66		
接线方式 Connection mode	螺钉压接 Screw terminal connection		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥500 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-20°C ... +80°C		

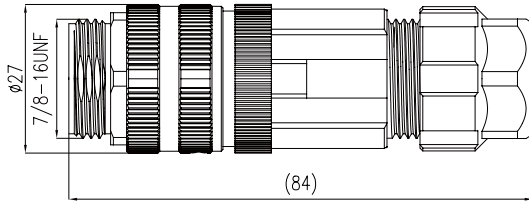
7/8" 现场接线式连接器

7/8" Field-wireable connector



7/8", 塑料外壳, 直式公头

7/8", Plastic housing, Male-stright



芯数 Number of Pins	3	4	5
型号 Type	U78A03MPSFWSR101202	U78A04MPSFWSR101202	U78A05MPSFWSR101202
货号 ID	1011030000001	1011030000005	1011030000009
触点分配 Contact assignment			
允许电缆外径 External diameter of the cable	10 ... 12 mm	10 ... 12 mm	10 ... 12 mm
电线截面积 Wiring specification	1.5 ... 2.5 mm ²	1.5 ... 2.5 mm ²	1.5 ... 2.5 mm ²
额定电压 Rated Voltage	300 V	300 V	300 V
额定电流 Rated current	12 A	9 A	9 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated		
外壳材料 Flange housing	尼龙 PA		
绝缘体材料 Contact Carriers	尼龙-66 PA66		
接线方式 Connection mode	螺钉压接 Screw terminal connection		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥500 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-20°C ... +80°C		

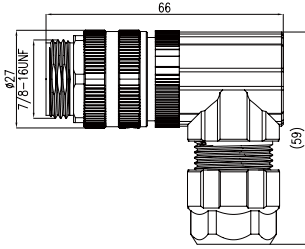
7/8" 现场接线式连接器

7/8" Field-wireable connector



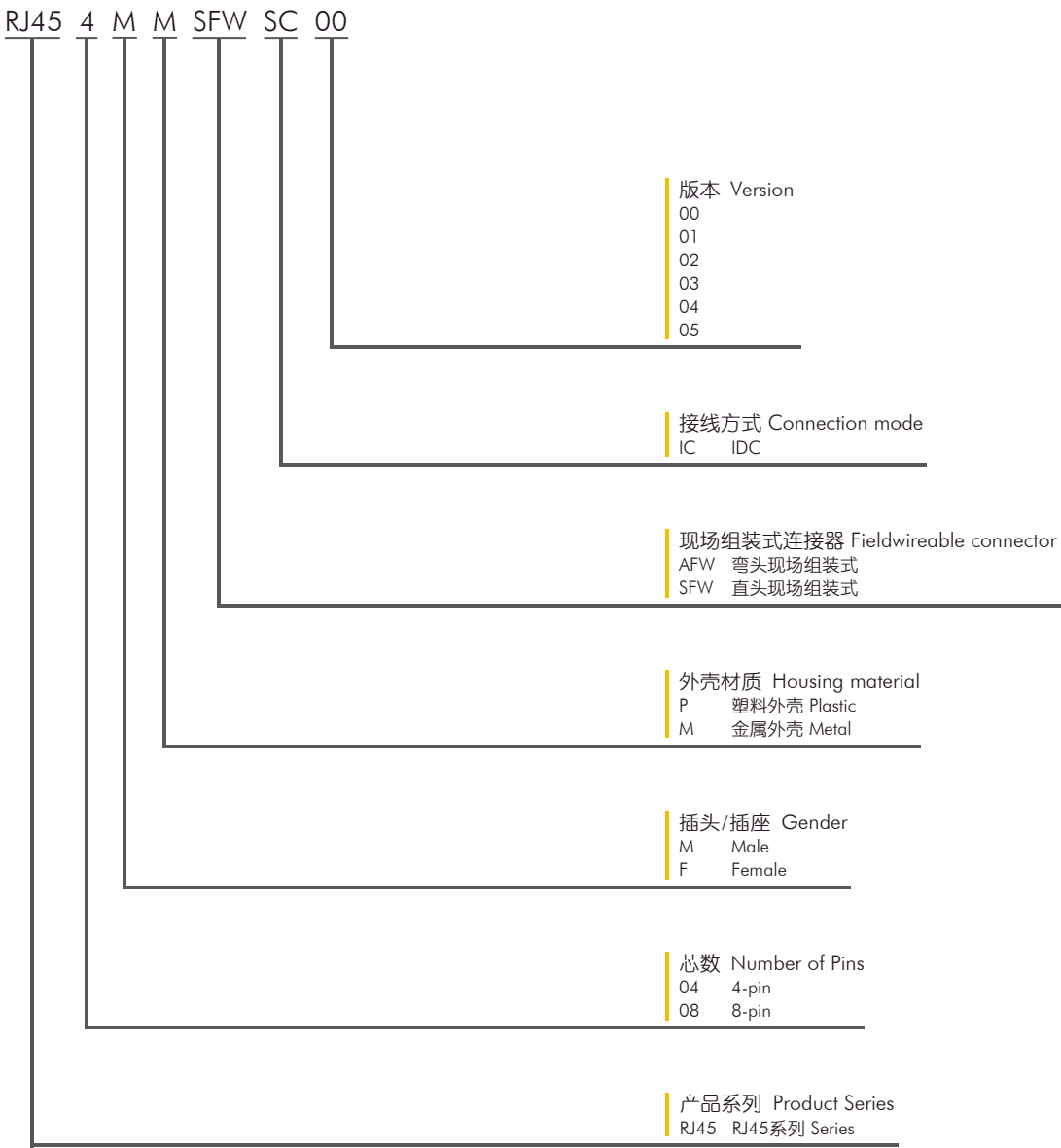
7/8" , 塑料外壳, 弯式公头

7/8" , Plastic housing, Male-angled



芯数 Number of Pins	3	4	5
型号 Type	U78A03MPAFWSR101202	U78A04MPAFWSR101202	U78A05MPAFWSR101202
货号 ID	1011030000003	1011030000007	1011030000011
触点分配 Contact assignment			
允许电缆外径 External diameter of the cable	10 ... 12 mm	10 ... 12 mm	10 ... 12 mm
电线截面积 Wiring specification	1.5 ... 2.5 mm ²	1.5 ... 2.5 mm ²	1.5 ... 2.5 mm ²
额定电压 Rated Voltage	300 V	300 V	300 V
额定电流 Rated current	12 A	9 A	9 A
接触件材料 Contacts	铜合金, 镀金 Brass, Gold-plated		
外壳材料 Flange housing	尼龙 PA		
绝缘体材料 Contact Carriers	尼龙-66 PA66		
接线方式 Connection mode	螺钉压接 Screw terminal connection		
防护等级 Protection Class	IP67 (仅拧紧状态下) Only in screwed condition		
机械寿命 Mechanical lifespan	≥500 次拔插 ≥100 Mating cycles		
工作温度 Ambient temperature range	-20°C ... +80°C		

RJ45现场组装式连接器型谱 Fieldwireable connector



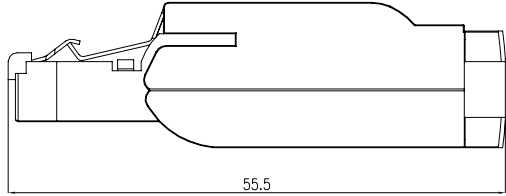
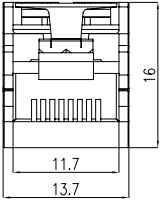
RJ45 现场接线式连接器

RJ45 Field-wireable connector



RJ45、金属外壳，直式公头

RJ45, Metal housing, Male-stright

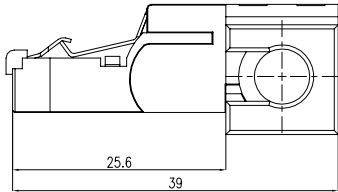
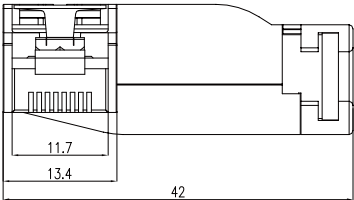


芯数 Number of Pins	4	8
型号 Type	RJ4504MMSFWIC05	RJ4508MMSFWIC05
货号 ID	1009200000002	1009200000004
触点分配 Contact assignment		
传输速率 Transfer Rate	100 M	1000 M
电线截面积 Wiring specification	22-24AWG	
插入力 Insertion force	Max 30N	
保持强度 Strength maintains	弹片与插头之间 between shrapnel and plug 7N	
接触件材料 Contacts	铜合金, 表面镀金 Brass, Gold-plated	
外壳材料 Flange housing	压铸锌, 表面镀镍 Die-cast Zinc, Nickel-plated	
绝缘体材料 Contact Carriers	尼龙-66 PA66	
接线方式 Connection mode	T568A/T568B	
防护等级 Protection Class	IP20 (拧紧状态下 Only in screwed condition)	
机械寿命 Mechanical lifespan	≥750 次拔插 Mating cycles, ≥10次压线 Times of wire pressing	
工作温度 Temperature range	-40 °C - +85 °C	

RJ45 现场接线式连接器
RJ45 Field-wireable connector

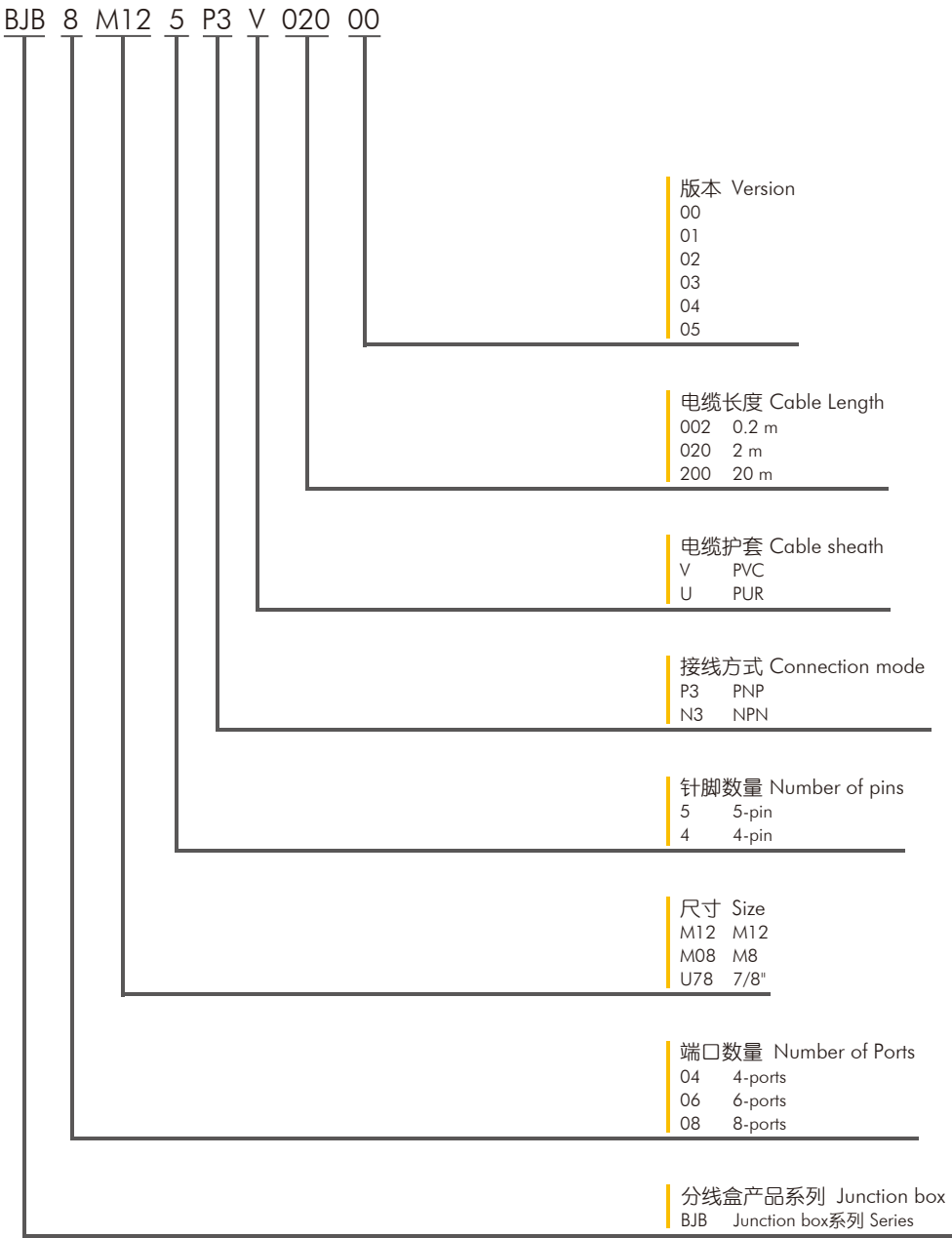
RJ45、金属外壳，弯式公头

RJ45, Metal housing, Male-angel



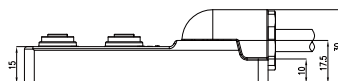
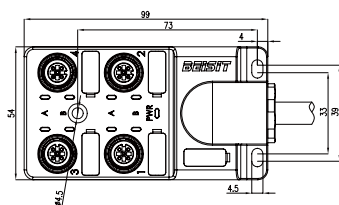
芯数 Number of Pins	4	8
型号 Type	RJ4504MMAFWIC05	RJ4508MMAFWIC05
货号 ID	1009200000003	1009200000005
触点分配 Contact assignment		
传输速率 Transfer Rate	100 M	1000 M
电线截面积 Wiring specification	22-24AWG	
插入力 Insertion force	Max 30N	
保持强度 Strength maintains	弹片与插头之间 between shrapnel and plug 7N	
接触件材料 Contacts	铜合金, 表面镀金 Brass, Gold-plated	
外壳材料 Flange housing	压铸锌, 表面镀镍 Die-cast Zinc, Nickel-plated	
绝缘体材料 Contact Carriers	尼龙-66 PA66	
接线方式 Connection mode	T568A/T568B	
防护等级 Protection Class	IP20 (拧紧状态下 Only in screwed condition)	
机械寿命 Mechanical lifespan	≥750 次拔插 Mating cycles, ≥10次压线 Times of wire pressing	
工作温度 Temperature range	-40 °C - +85 °C	

分线盒型谱 Junction box



M12 4-ports Junction box

M12 4-ports Junction box, Cable straight out type, PVC



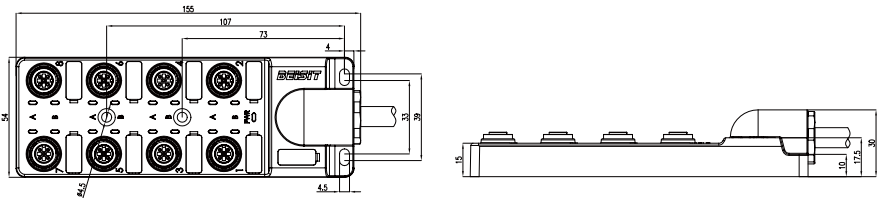
端口数 Number of Pins	4	4
型号 Type	BJB-4M12-5P3-V020-00	BJB-4M12-5N3-V020-00
货号 ID	1006100000002	1006100000004
触点分配 Contact assignment		
电缆材质/长度 Cable material/Length	PVC/2m	
电线截面积 Wiring specification	3 x 1.0 mm ² +8 x 0.34 mm ²	
额定电压 Rated Voltage	24 VDC	
额定电流 Rated current	单路2 A, 共9 A Branch 2A, Trunk road 9A	
接触件材料 Contacts	铜合金, 表面镀金 Brass, Gold-plated	
外壳材料 Flange housing	尼龙 Nylon	
绝缘体材料 Contact Carriers	尼龙-66 PA66	
接线方式 Connection mode	PNP	NPN
防护等级 Protection Class	IP67 (拧紧状态下 Only in screwed condition)	
机械寿命 Mechanical lifespan	≥100 次拔插 Mating cycles	
工作温度 Temperature range	-25 C - +85 C	

M12 8口分线盒

M12 8-ports Junction box

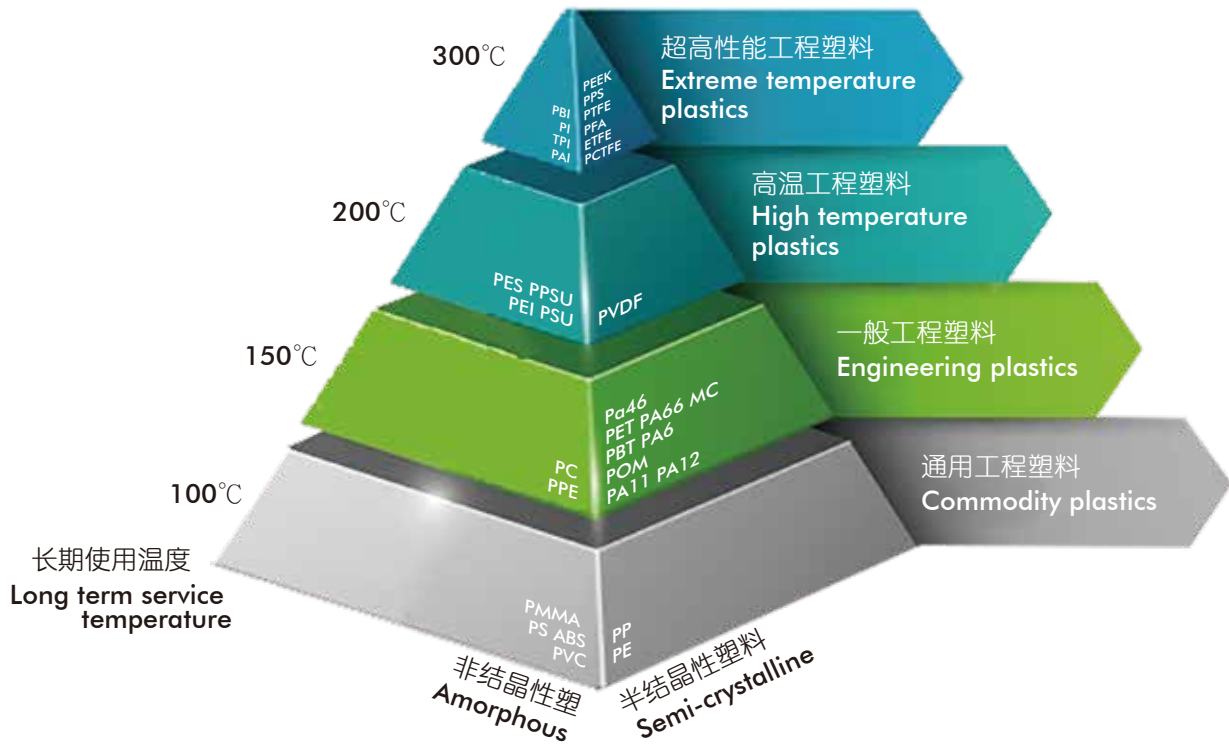
M12-8口分线盒，电缆直出式，PVC

M12 8-ports Junction box, Cable straight out type, PVC



端口数 Number of Pins	8	
型号 Type	BJB-8M12-5P3-V020-00	BJB-8M12-5N3-V020-00
货号 ID	1006100000001	1006100000003
触点分配 Contact assignment		
电缆材质/长度 Cable material/Length	PVC/2m	
电线截面积 Wiring specification	3 x 1.0 mm ² + 16 x 0.34 mm ²	
额定电压 Rated Voltage	24 VDC	
额定电流 Rated current	单路2 A, 共9 A Branch 2A, Trunk road 9A	
接触件材料 Contacts	铜合金, 表面镀金 Brass, Gold-plated	
外壳材料 Flange housing	尼龙 Nylon	
绝缘体材料 Contact Carriers	尼龙-66 PA66	
接线方式 Connection mode	PNP	NPN
防护等级 Protection Class	IP67 (拧紧状态下 Only in screwed condition)	
机械寿命 Mechanical lifespan	≥100 次拔插 Mating cycles	
工作温度 Temperature range	-25 °C - +85 °C	

材料名称 Material brand no.	材料特性 Material Characteristics	应用 Application
纯铜 <i>Pure Copper</i>	含铜量最高的铜，呈紫红色又称紫铜。 Pure copper is the copper with the highest copper content, and it is purple-red, also known as red copper.	纯铜的电导率和热导率仅次于纯银，具有很好的导电和导热性能，常用于制造电线、电缆、电刷和制造须防磁性干扰的磁学仪器、仪表等。 The electrical conductivity and thermal conductivity of pure copper is second only to pure silver, and it has good electrical and thermal conductivity. It is often used in the manufacture of wires, cables, brushes, and the manufacture of magnetic instruments and meters that must be protected from magnetic interference.
黄铜 <i>Brass</i>	由铜和锌为主要元素所组成的合金材料，呈金黄色。 由铜、锌两种元素组成的铜合金称为普通黄铜，主要用于制造阀门、水管和散热器等。 Brass is an alloy material composed of copper and zinc as the main elements, and it is golden yellow color. The copper alloy composed of copper and zinc is called common brass, which is mainly used to make valves, water pipes, and radiators.	由两种（如：铜、锌、铅、锡、锰、镍、铁、硅等）以上元素组成的铜合金称为特殊黄铜，它强度高、硬度大、耐化学腐蚀，易切削、耐磨，机械性能突出，主要用于铸造、机加黄铜零件等。 The copper alloy composed of two elements (such as copper, zinc, lead, tin, manganese, nickel, iron, silicon, etc.) is called special brass. It has high strength, high hardness, chemical corrosion resistance, easy cutting, and resistance. Grinding, outstanding mechanical properties, mainly used for casting, machined brass parts, etc.
白铜 <i>Cupronickel</i>	由铜和镍为主要元素所组成的合金材料，呈银白色。 由铜、镍两种元素组成的铜合金称为普通白铜。 由两种（如：铜、镍、锰、铁、锌、铝等）以上元素组成的铜合金称为特殊复杂白铜。 Cupronickel is an alloy material composed of copper and nickel as the main elements, and it is silver-white color. The copper alloy composed of copper and nickel is called common cupronickel. Copper alloys composed of two elements (such as copper, nickel, manganese, iron, zinc, aluminum, etc.) are called special complex cupronickel.	工业用白铜分为结构白铜和电工白铜两大类：结构白铜机械性能好、耐腐蚀性、色泽美观，主要用于制造精密机械、配件、化工机械和船舶构件等；电工白铜具有良好的热电性能（如：锰铜、康铜、考铜），主要用于制造精密电仪器、变阻器、精密电阻、应变片、热电偶等。 Industrial cupronickel is divided into two categories: structural cupronickel and electrical cupronickel: structural cupronickel has good mechanical properties, corrosion resistance, and beautiful color. It is mainly used to manufacture precision machinery, accessories, chemical machinery, and ship components; electrical cupronickel has good thermoelectric properties (Such as manganese bronze, constantan, copper), mainly used to manufacture precision electrical instruments, varistors, precision resistors, strain gauges, thermocouples, etc.
青铜 <i>Bronze</i>	由铜和锡或铅为主要元素所组成的合金材料，是除黄铜、白铜以外的第三类铜合金。 青铜具有低熔点、硬度高、可塑性强、耐磨、耐腐蚀、色泽光亮等特点，主要用于铸造各种器具、机械零件等。 Bronze is an alloy material composed of copper and tin or leads as the main elements. It is the third type of copper alloy except for brass and cupronickel. Bronze has the characteristics of low melting point, high hardness, strong plasticity, wear resistance, corrosion resistance, and bright color. It is mainly used for casting various appliances and mechanical parts.	添加其它主要元素的青铜合金可用于特定的行业，如：适用于机械行业的锡青铜、铅青铜、铝青铜；适用于电子行业的磷青铜、铍青铜。 Bronze alloys with other main elements added can be used in specific industries, such as tin bronze, lead bronze, and aluminum bronze for the machinery industry; phosphor bronze and beryllium bronze for the electronics industry.
奥氏体不锈钢 <i>Austenitic stainless steel</i>	奥氏体不锈钢是指在常温下具有奥氏体组织的不锈钢。 奥氏体不锈钢无磁性而且具有高韧性和塑性，但强度较低不能通过相变使之强化，仅能通过冷加工进行强化。 Austenitic stainless steel refers to stainless steel that has an austenitic structure at room temperature. Austenitic stainless steel is non-magnetic and has high toughness and plasticity, but its strength is low and cannot be strengthened by phase transformation. It can only be strengthened by cold working.	奥氏体不锈钢极好的抗腐蚀能力和良好的易切削性，其全面的和良好的综合性能在各行各业中被广泛应用。 Austenitic stainless steel has excellent corrosion resistance and good machinability, and its comprehensive and good comprehensive properties are widely used in all walks of life.
马氏体不锈钢 <i>Martensitic stainless steel</i>	马氏体不锈钢是指在常温下具有马氏体组织的不锈钢。 马氏体不锈钢具有弱磁性，马氏体不锈钢是一种可以通过热处理（淬火、回火）对其性能进行调整的不锈钢。 Martensitic stainless steel refers to stainless steel that has an martensitic structure at room temperature. Martensitic stainless steel is weak and non-magnetic. Martensitic stainless steel is a kind of stainless steel whose properties can be adjusted by heat treatment (quenching and tempering).	马氏体不锈钢良好的抗腐蚀能力，主要用于有防腐蚀及需要零件热处理要求的场合。 Martensitic stainless steel has good corrosion resistance and is mainly used in applications where corrosion protection and heat treatment of parts are required.



材料名称 Material brand no.	材料特性 Material Characteristics
结晶性塑料 Crystalline Plastics	有明显熔点(Tm)，固体时分子呈规则排列，强度较强，拉力也较强。熔解时比容积变化大，固化后较易收缩，内应力不易释放出来，成品不透明，成形中散热慢，冷模生产之日后收缩较大，热模生产之日后收缩较小。 Crystalline plastic have a clear melting point (Tm), and when they are in a solid state, the molecules are arranged regularly, with strong strength and strong tensile force. The specific volume changes greatly during melting, it is easier to shrink after solidification, the internal stress is not easy to release, the finished product is opaque, the heat dissipation is slow during forming, the shrinkage is larger after the production of cold molds, and the shrinkage is smaller after the production of hot molds.
非结晶性塑料 Noncrystalline Plastics	无明显熔点，固体时分子呈不规则排列，熔解时比容积变化不大，固化后不易收缩，成品透明性佳，料温越高色泽越黄，成形中散热快。 Noncrystalline plastic has no obvious melting point. When the state is solid, the molecules are arranged irregularly. The specific volume changes little when melted. It is not easy to shrink after solidification. The finished product has good transparency. The higher the material temperature, the yellower the color and the faster the heat dissipation during forming.

结晶性塑料与非结晶性塑料性能差异 Performance difference between

物性 <i>Physical Properties</i>		结晶性 <i>Crystallinity</i>	非结晶性 <i>non-crystallinity</i>
比重	Specific Gravity	较高 Higher	较低 Lower
拉伸强度	Tensile Strength	较高 Higher	较低 Lower
拉伸模数	Tensile Modulus	较高 Higher	较低 Lower
延展性或伸长率	Tensile Elongation	较低 Lower	较高 Higher
耐冲击性	Impact Resistance	较低 Lower	较高 Higher
最高使用温度	The Maximun Temperature	较高 Higher	较低 Lower
收缩率及翘曲	Shrinkage and Tlexural	较高 Higher	较低 Lower
流动性	Mobility	较高 Higher	较低 Lower
耐化学性	Chemical Resistance	较高 Higher	较低 Lower
耐磨耗性	Wear Resistance	较高 Higher	较低 Lower
抗蠕变性	Creep	较高 Higher	较低 Lower
硬度	Hardness	较高 Higher	较低 Lower
透明度	Transparency	较低 Lower	较高 Higher
添加玻纤增强效果	Glass-fiber Reinforced	较高 Higher	较低 Lower
尺寸安定性	Dimensional Stability	较差 Worse	较佳 Better
着色性	Colorability	较难 Harder	较易 Easier
耐热性	Heat Resistance	较高 Higher	较低 Lower

IP防护等级

IP Protection Classification



第一位数码(防止固体异物进入) First digit(Prevent solid foreignt matter from enetering)			第二位数码(防止进水造成有害影响) Second digit(To preveng water)		
IP	要求 Require	示例 Example	IP	要求 Require	示例 Example
0	无防护 No protection against water		0	无防护 No protection against water	无防护 No protection against water
1	直径50mm 以上的球形物体不得完全进入，手掌手背不得触及危险部件。 Protection against contact with any large area by hand and against large solid foreign bodies with $\varnothing > 50\text{mm}$.		1	防止垂直下滴水，允许少量水进入。 Protection against vertical water drips.	
2	直径12.5mm 以上的球形物体不得完全进入，手指不得触及危险部件。 Protection against contact with the fingers Protection against solid Foreign bodieswith $\varnothing > 12.5\text{mm}$.		2	防止当外壳在15° 范围内倾斜时垂直下滴水，允许少量水进入。 Protection against water Drips (up to a 15° angle).	
3	直径2.5mm 以上的工具和球形物体不得进入，如螺丝刀。 Protection against tools wires or similar objects with $\varnothing > 2.5\text{mm}$, protection against smail foreign solid bodies with $\varnothing 2.5\text{mm}$.		3	防止与垂直面成60° 范围内的淋水，允许少量水进入。 Protection against diagonal water drips(up to a 60°angle).	
4	直径1mm 以上的工具和球形物体不得进入，如金属丝。 Protection against grain-shaped foreign bodies.		4	防止任何方向内的溅水，允许少量水进入。 Protection against Splashed water from all directions.	
5	允许有限的灰尘掉入(没有有害沉淀)。 Full protection against contact. Protection Against interior injurious dust deposits.		5	防止喷水，允许少量水进入。 Protection against water (out of a nozzle)From all directions.	
6	完全防止灰尘进入。 Total protectiuvon against contact. Protection against penetration of dust.		6	防止强烈喷水，允许少量水进入。 Protection against strong water (out of a nozzle) from all directions.	
			7	防止在15mm-1m深的短时浸水。 Protected against temporary immersion.	
			8	防止在15mm-1m深的长时浸水。 Protected against water pressure.	

污染等级分类 Pollution degree

微观环境决定污染对绝缘的影响。然而在考虑微观环境时必须注意到宏观环境，有效地使用封闭式外壳等措施可减少绝缘的污染，但这些减少污染的措施对设备凝露或正常运行中其本身产生的污染可能无效。

The micro-environment determines the effect of pollution on the insulation. The macro-environment, however, has to be taken into account when considering the micro-environment. Means may be provided to reduce pollution at the insulation under consideration by effective use of enclosures, encapsulation or hermetic sealing. Such means to reduce pollution may not be effective when the equipment is subject to condensation or if, in normal operation, it generates pollutants itself.

在潮湿的情况下污染物（水、油烟、金属尘埃、碳尘埃）将会变为导电性污染。

Pollution will become conductive in the presence of humidity. Pollution caused by contaminated water, soot, metal or carbon dust is inherently conductive.

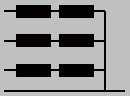
在特定的情况下电离气体或金属沉积物同样会引起导电性污染。

Conductive pollution by ionized gasses and metallic deposits occurs only on specific instances.

污染等级 I Pollution degree 1	无污染或仅有干燥的、非导电性的污染，该污染没有任何影响。 如计算机和测量仪器室等干净、干燥的房间。 No pollution or only dry, non-conductive pollution occurs, this pollution has no influence. For example, clean, dry rooms, such as computer and measuring instrument rooms.
污染等级 II Pollution degree 2	一般仅有非导电性污染，然而必须预期到凝露会偶然发生短暂的导电性污染。 如住宅、销售和其他商业场所，精密工程车间、实验室、测试室、医疗用途的房间。 Generally, only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is to be expected. Such as in residential, sales and other business premises, precision engineering workshops, laboratories, testing bays and rooms for medical purposes.
污染等级 III Pollution degree 3	有导电性污染或由预期的凝露使干燥的非导电性污染变为导电性污染。 如用于工业、商业和农业处所、未加热的储藏室、车间或锅炉房，安装在机床设备上的电气设施。 Conductive pollution occurs or dry non-conductive pollution occurs which becomes conductive due to condensation which is to be expected. Such as electrical facilities used in industrial, commercial and agricultural places, unheated storage rooms, workshops or boiler rooms, installed on machine tool equipment.
污染等级 IV Pollution degree 4	造成持久的导电性污染，例如由于导电尘埃或雨或其它潮湿条件所引起的污染。 如在室外或外部区域，安装在机车或有轨电车车顶上的设备。 Continuous conductivity occurs due to conductive dust, rain or other wet conditions. Such as in outdoor or exterior areas such as equipment mounted on the roofs of locomotives or tramcars.

不同过电压控制方式的电源系统的标称电压 Nominal voltage of power system with different overvoltage control methods

表1. 内在控制或相当的保护控制 Internal control or equivalent protective control

从交流或直流标称电压 导出线对中性点电压 ¹⁾ (小于或等于) 单位:V Voltage line to-neutral derived from nominal voltages A.C. or D.C. (up to and including) Unit: V	世界上目前使用的标称电压 Nominal voltage presently used in the world				设备额定冲击电压 ¹⁾ / V Rated impulse voltage for equipment			
	三相四线系统 中性点接地 单位:V Three-phase 4-wire systems with earthed neutral Unit: V	三相三线系统 不接地 单位:V Three-phase 3-wire systems earthed or unearthed Unit: V	单相二线系统 交流或直流 单位:V Single-phase 2-wire systems A.C. or D.C. Unit: V	单相三线系统 交流或直流 单位:V Single-phase 3-wire systems A.C. or D.C. Unit: V	过电压类别 单位:V Overvoltage category Unit: V			
					I	II	III	IV
50			12.5, 24, 25, 30, 42, 48	30~60	330	500	800	1500
100	66/115	66	60		500	800	1500	2500
150	120/208*, 127/220	115, 120, 127	100**, 110, 120	100~200**, 110~220, 120~240	800	1500	2500	4000
300	220/380, 230/400, 240/415, 260/440, 277/480	200**, 220, 230, 240, 260, 277, 347, 380, 400, 415, 440, 480	220	220~440	1500	2500	4000	6000
600	347/600, 380/660, 400/690, 417/720, 480/830	500, 577, 600	480	480~960	2500	4000	6000	8000
1000		660, 690, 720, 830, 1000	1000		4000	6000	8000	12000

· 美国和加拿大实施 **日本实施 Practice in the U.S.A and in Canada **Practice in Japan

过电压类别 I 的设备是连接至具有限制瞬时过电压至相当低水平措施的电路设备，这些措施应确保能够充分限制所产生的暂时过电压。

如：保护电子线路达到此水平的设备。

Equipment of overvoltage category I is connected to circuit equipment with measures to limit instantaneous overvoltage to a relatively low level, these measures should be sufficiently restricted to ensure that the generated temporary overvoltage.

Such as: a equipment that protects electronic circuits up to this level.

过电压类别 II 的设备是固定式配电装置供电的耗能设备。

如：器具、可移动工具及其它家用和类似用途负载。

Equipment of overvoltage category II is energy-consuming equipment supplied by fixed power distribution devices.

Such as: appliances, movable tools and other household and similar loads.

过电压类别 III 的设备是固定式配电装置中的设备，以及设备的可靠性和适用性必需符合特殊要求。

如：安装在固定式配电装置中的开关电器和永久连接至固定式配电装置的工业用设备。

Equipment of overvoltage category III is equipment in fixed power distribution devices, and the reliability and applicability of the equipment must meet special requirements.

Such as: switching appliances installed in fixed power distribution devices and industrial equipment permanently connected to fixed power distribution devices.

过电压类别 IV 的设备是使用在配电装置电源端的设备。

如：测量仪和前级过流保护设备。

Equipment of overvoltage category IV is the equipment used at the power supply side of the power distribution device.

Such as: measuring instrument and front-level overcurrent protection equipment.

冷压连接时压接部分抗张强度 Tensile strength of crimping part during cold press connection

导线导体规格 Conductor cross-section		抗张强度 N Tensile strength N
mm ²	AWG	
0.05	30	6
0.08	28	11
0.12	26	15
0.14	/	18
0.22	24	28
0.25	/	32
0.32	22	40
0.5	20	60
0.75	/	85
0.82	18	90
1.0	/	108
1.3	16	135
1.5	/	150
2.1	14	200
2.5	/	230
3.3	12	275
4.0	/	310
5.3	10	355
6.0	/	360
8.4	8	370
10.0	/	380

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