

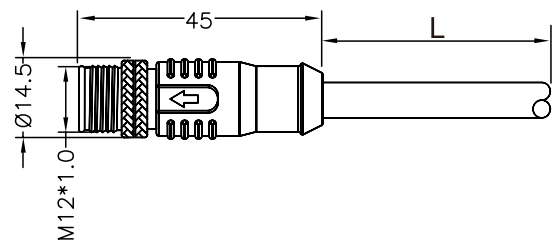
M12 Circular connectors

Male cable (C-coded)

Product figure



Scale diagram



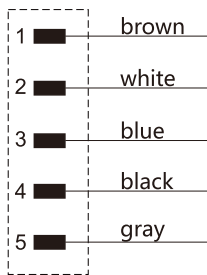
Contact layout/针孔排布 (Front view/前视图)

5pins

C



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	5pins	0.34mm ²	120305-05-601	120305-05-641	120305-05-621	120305-05-661
3.0M	5pins	0.34mm ²	120305-05-602	120305-05-642	120305-05-622	120305-05-662
5.0M	5pins	0.34mm ²	120305-05-603	120305-05-643	120305-05-623	120305-05-663
7.5M	5pins	0.34mm ²	120305-05-604	120305-05-644	120305-05-624	120305-05-664
10M	5pins	0.34mm ²	120305-05-605	120305-05-645	120305-05-625	120305-05-665

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	5.8~6.0mm

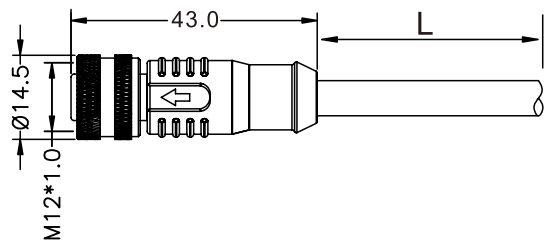
M12 Circular connectors

Female cable (C-coded)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5pins

C

Circuit diagram/电路图

Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	5pins	0.34mm ²	120305-06-601	120305-06-641	120305-06-621	120305-06-661
3.0M	5pins	0.34mm ²	120305-06-602	120305-06-642	120305-06-622	120305-06-662
5.0M	5pins	0.34mm ²	120305-06-603	120305-06-643	120305-06-623	120305-06-663
7.5M	5pins	0.34mm ²	120305-06-604	120305-06-644	120305-06-624	120305-06-664
10M	5pins	0.34mm ²	120305-06-605	120305-06-645	120305-06-625	120305-06-665

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	5.8~6.0mm

12256

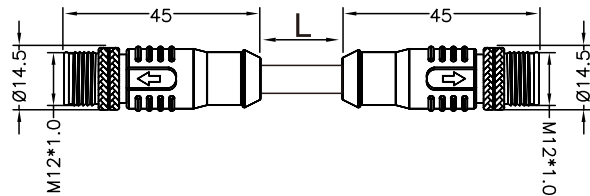
M12 Circular connectors

Male to Male cable (C-coded)

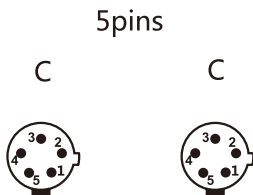
Product figure



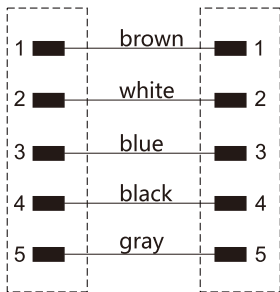
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	5pins	0.34mm ²	120305-55-601	120305-55-641	120305-55-621	120305-55-661
0.6M	5pins	0.34mm ²	120305-55-602	120305-55-642	120305-55-622	120305-55-662
1.0M	5pins	0.34mm ²	120305-55-603	120305-55-643	120305-55-623	120305-55-663
2.0M	5pins	0.34mm ²	120305-55-604	120305-55-644	120305-55-624	120305-55-664

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	5.8~6.0mm

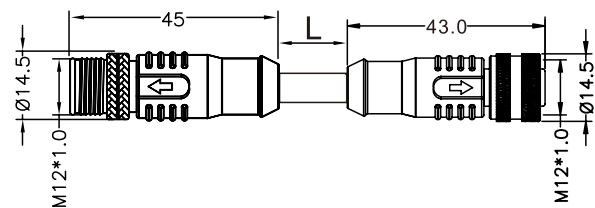
M12 Circular connectors

Male to Female cable (C-coded)

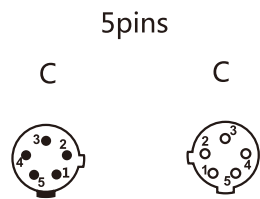
Product figure



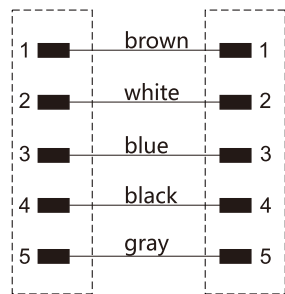
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	5pins	0.34mm ²	120305-56-601	120305-56-641	120305-56-621	120305-56-661
0.6M	5pins	0.34mm ²	120305-56-602	120305-56-642	120305-56-622	120305-56-662
1.0M	5pins	0.34mm ²	120305-56-603	120305-56-643	120305-56-623	120305-56-663
2.0M	5pins	0.34mm ²	120305-56-604	120305-56-644	120305-56-624	120305-56-664

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	5.8~6.0mm

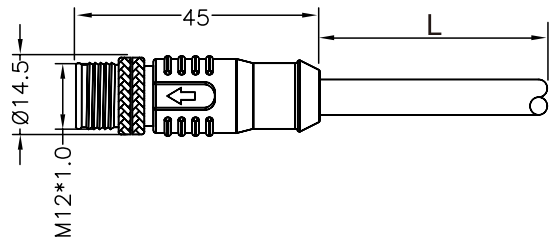
M12 Circular connectors

Male cable (S-coded)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

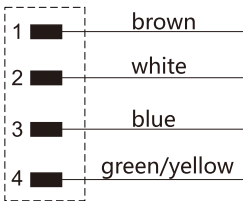
3pins
S



4pins
S



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	1.5mm ²	120503-05-601	120503-05-641	120503-05-621	120503-05-661
	4pins	1.5mm ²	120504-05-601	120504-05-641	120504-05-621	120504-05-661
3.0M	3pins	1.5mm ²	120503-05-602	120503-05-642	120503-05-622	120503-05-662
	4pins	1.5mm ²	120504-05-602	120504-05-642	120504-05-622	120504-05-662
5.0M	3pins	1.5mm ²	120503-05-603	120503-05-643	120503-05-623	120503-05-663
	4pins	1.5mm ²	120504-05-603	120504-05-643	120504-05-623	120504-05-663
7.5M	3pins	1.5mm ²	120503-05-604	120503-05-644	120503-05-624	120503-05-664
	4pins	1.5mm ²	120504-05-604	120504-05-644	120504-05-624	120504-05-664
10M	3pins	1.5mm ²	120503-05-605	120503-05-645	120503-05-625	120503-05-665
	4pins	1.5mm ²	120504-05-605	120504-05-645	120504-05-625	120504-05-665

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	
Cable OD/线材直径	7.5mm	8.0mm

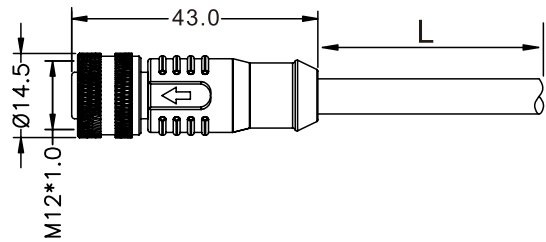
M12 Circular connectors

Female cable (S-coded)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

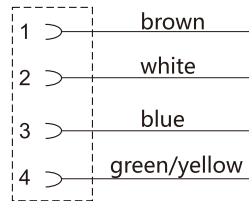
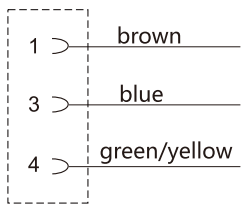
3pins
S



4pins
S



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	1.5mm ²	120503-06-601	120503-06-641	120503-06-621	120503-06-661
	4pins	1.5mm ²	120504-06-601	120504-06-641	120504-06-621	120504-06-661
3.0M	3pins	1.5mm ²	120503-06-602	120503-06-642	120503-06-622	120503-06-662
	4pins	1.5mm ²	120504-06-602	120504-06-642	120504-06-622	120504-06-662
5.0M	3pins	1.5mm ²	120503-06-603	120503-06-643	120503-06-623	120503-06-663
	4pins	1.5mm ²	120504-06-603	120504-06-643	120504-06-623	120504-06-663
7.5M	3pins	1.5mm ²	120503-06-604	120503-06-644	120503-06-624	120503-06-664
	4pins	1.5mm ²	120504-06-604	120504-06-644	120504-06-624	120504-06-664
10M	3pins	1.5mm ²	120503-06-605	120503-06-645	120503-06-625	120503-06-665
	4pins	1.5mm ²	120504-06-605	120504-06-645	120504-06-625	120504-06-665

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	
Cable OD/线材直径	7.5mm	8.0mm

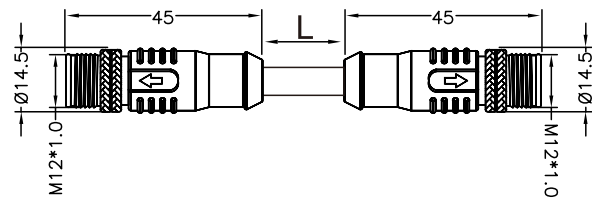
M12 Circular connectors

Male to male cable (S-coded)

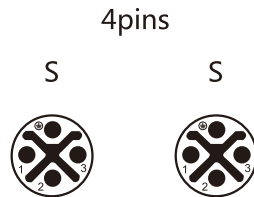
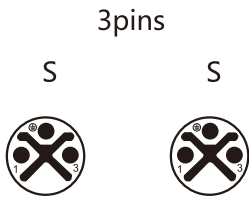
Product figure



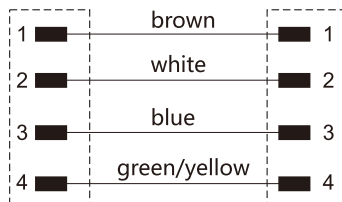
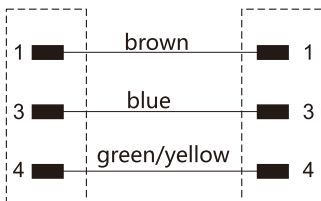
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	1.5mm ²	120503-55-601	120503-55-641	120503-55-621	120503-55-661
	4pins	1.5mm ²	120504-55-601	120504-55-641	120504-55-621	120504-55-661
0.6M	3pins	1.5mm ²	120503-55-602	120503-55-642	120503-55-622	120503-55-662
	4pins	1.5mm ²	120504-55-602	120504-55-642	120504-55-622	120504-55-662
1.0M	3pins	1.5mm ²	120503-55-603	120503-55-643	120503-55-623	120503-55-663
	4pins	1.5mm ²	120504-55-603	120504-55-643	120504-55-623	120504-55-663
2.0M	3pins	1.5mm ²	120503-55-604	120503-55-644	120503-55-624	120503-55-664
	4pins	1.5mm ²	120504-55-604	120504-55-644	120504-55-624	120504-55-664

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	
Cable OD/线材直径	7.5mm	8.0mm

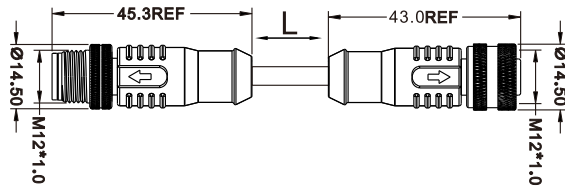
M12 Circular connectors

Male to female cable (S-coded)

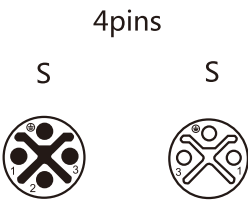
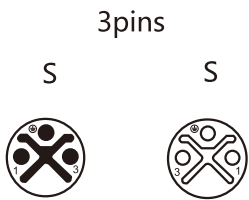
Product figure



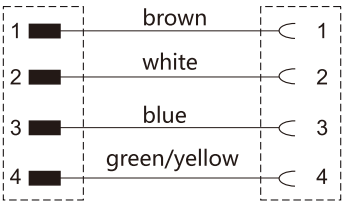
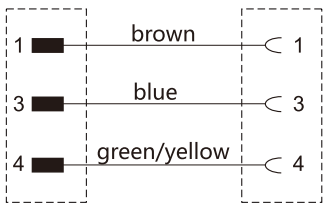
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	1.5mm ²	120503-56-601	120503-56-641	120503-56-621	120503-56-661
	4pins	1.5mm ²	120504-56-601	120504-56-641	120504-56-621	120504-56-661
0.6M	3pins	1.5mm ²	120503-56-602	120503-56-642	120503-56-622	120503-56-662
	4pins	1.5mm ²	120504-56-602	120504-56-642	120504-56-622	120504-56-662
1.0M	3pins	1.5mm ²	120503-56-603	120503-56-643	120503-56-623	120503-56-663
	4pins	1.5mm ²	120504-56-603	120504-56-643	120504-56-623	120504-56-663
2.0M	3pins	1.5mm ²	120503-56-604	120503-56-644	120503-56-624	120503-56-664
	4pins	1.5mm ²	120504-56-604	120504-56-644	120504-56-624	120504-56-664

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	
Cable OD/线材直径	7.5mm	8.0mm

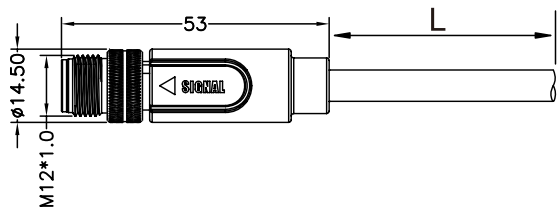
M12 Circular connectors

Male cable (T-coded)

Product figure



Scale diagram



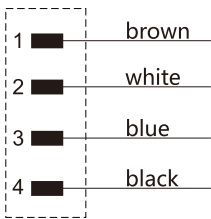
Contact layout/针孔排布 (Front view/前视图)

4pins

T



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	4pins	1.5mm ²	120604-05-601	120604-05-641	120604-05-621	120604-05-661
3.0M	4pins	1.5mm ²	120604-05-602	120604-05-642	120604-05-622	120604-05-662
5.0M	4pins	1.5mm ²	120604-05-603	120604-05-643	120604-05-623	120604-05-663
7.5M	4pins	1.5mm ²	120604-05-604	120604-05-644	120604-05-624	120604-05-664
10M	4pins	1.5mm ²	120604-05-605	120604-05-645	120604-05-625	120604-05-665

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +80°C
Cable OD/线材直径	8.0mm

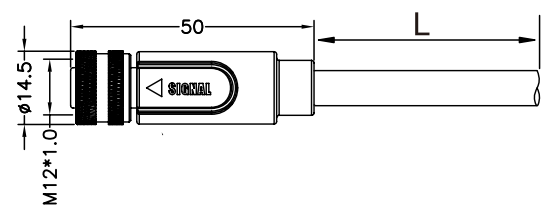
M12 Circular connectors

Female cable (T-coded)

Product figure



Scale diagram



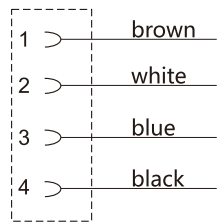
Contact layout/针孔排布 (Front view/前视图)

4pins

T



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	4pins	1.5mm ²	120604-06-601	120604-06-641	120604-06-621	120604-06-661
3.0M	4pins	1.5mm ²	120604-06-602	120604-06-642	120604-06-622	120604-06-662
5.0M	4pins	1.5mm ²	120604-06-603	120604-06-643	120604-06-623	120604-06-663
7.5M	4pins	1.5mm ²	120604-06-604	120604-06-644	120604-06-624	120604-06-664
10M	4pins	1.5mm ²	120604-06-605	120604-06-645	120604-06-625	120604-06-665

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	8.0mm

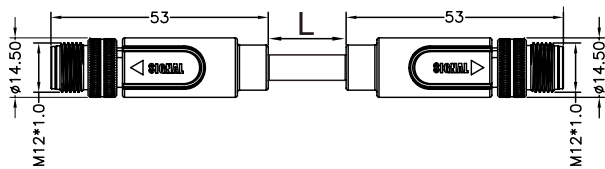
M12 Circular connectors

Male to male cable (T-coded)

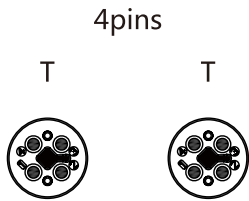
Product figure



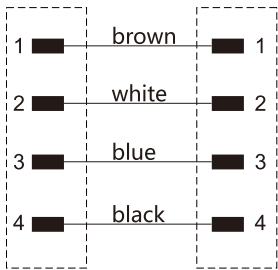
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4pins	1.5mm ²	120604-55-601	120604-55-641	120604-55-621	120604-55-661
0.6M	4pins	1.5mm ²	120604-55-602	120604-55-642	120604-55-622	120604-55-662
1.0M	4pins	1.5mm ²	120604-55-603	120604-55-643	120604-55-623	120604-55-663
2.0M	4pins	1.5mm ²	120604-55-604	120604-55-644	120604-55-624	120604-55-664

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +80°C
Cable OD/线材直径	8.0mm

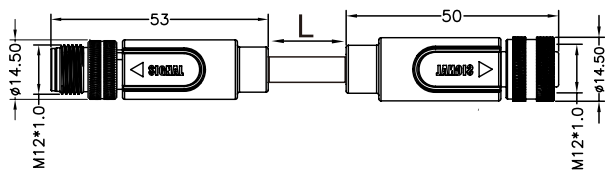
M12 Circular connectors

Male to Female cable (T-coded)

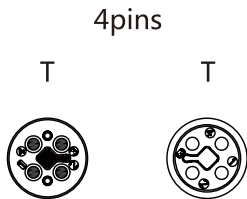
Product figure



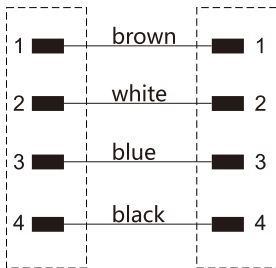
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4pins	1.5mm ²	120604-56-601	120604-56-641	120604-56-621	120604-56-661
0.6M	4pins	1.5mm ²	120604-56-602	120604-56-642	120604-56-622	120604-56-662
1.0M	4pins	1.5mm ²	120604-56-603	120604-56-643	120604-56-623	120604-56-663
2.0M	4pins	1.5mm ²	120604-56-604	120604-56-644	120604-56-624	120604-56-664

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +80°C
Cable OD/线材直径	8.0mm

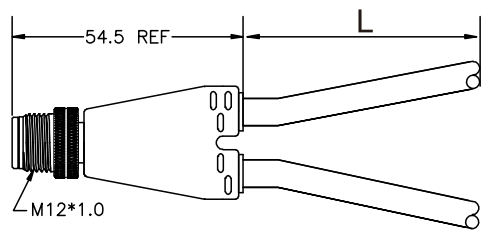
M12 Circular connectors

Y-type male cable

Product figure



Scale diagram



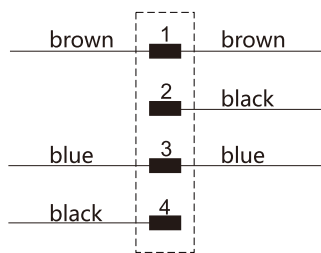
Contact layout/针孔排布 (Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	4pins	120104-30-691
3.0M	4pins	120104-30-692
5.0M	4pins	120104-30-693
7.5M	4pins	120104-30-694
10M	4pins	120104-30-695

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6~6.0mm

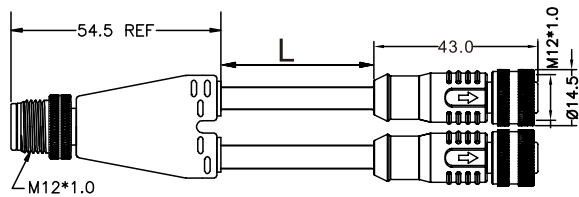
M12 Circular connectors

Y-type cable

Product figure (male to dual female M12-M12)



Scale diagram



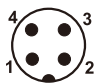
Contact layout/针孔排布 (Front view/前视图)

4pins

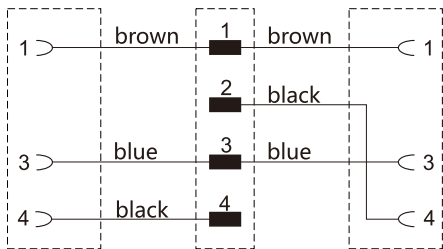
3pins

A

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4-3pins	0.34mm ²	120143-30-601	120143-30-641	120143-30-621	120143-30-661
0.6M	4-3pins	0.34mm ²	120143-30-602	120143-30-642	120143-30-622	120143-30-662
1.0M	4-3pins	0.34mm ²	120143-30-603	120143-30-643	120143-30-623	120143-30-663
2.0M	4-3pins	0.34mm ²	120143-30-604	120143-30-644	120143-30-624	120143-30-664

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6~6.0mm

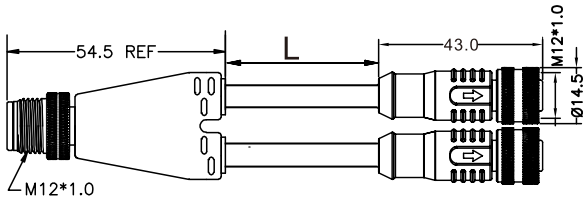
M12 Circular connectors

Y-type cable

Product figure (male to dual female M12-M12)

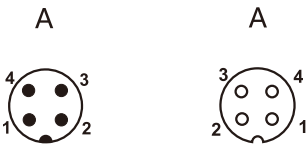


Scale diagram

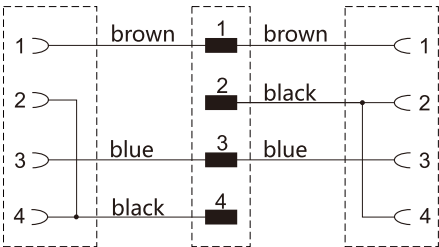


Contact layout/针孔排布 (Front view/前视图)

4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4pins	0.34mm ²	120104-30-601	120104-30-641	120104-30-621	120104-30-661
0.6M	4pins	0.34mm ²	120104-30-602	120104-30-642	120104-30-622	120104-30-662
1.0M	4pins	0.34mm ²	120104-30-603	120104-30-643	120104-30-623	120104-30-663
2.0M	4pins	0.34mm ²	120104-30-604	120104-30-644	120104-30-624	120104-30-664

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6~6.0mm

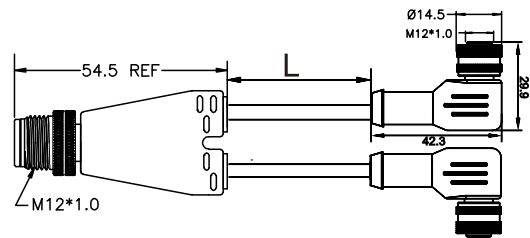
M12 Circular connectors

Y-type cable

Product figure (male to dual R/A female M12-M12)



Scale diagram



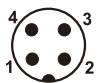
Contact layout/针孔排布 (Front view/前视图)

4pins

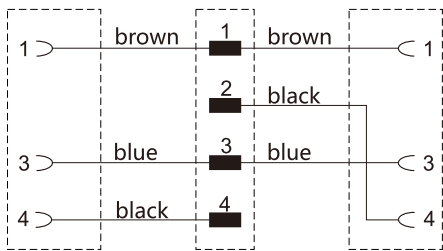
3pins

A

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4-3pins	0.34mm ²	120143-30-701	120143-30-741	120143-30-721	120143-30-761
0.6M	4-3pins	0.34mm ²	120143-30-702	120143-30-742	120143-30-722	120143-30-762
1.0M	4-3pins	0.34mm ²	120143-30-703	120143-30-743	120143-30-723	120143-30-763
2.0M	4-3pins	0.34mm ²	120143-30-704	120143-30-744	120143-30-724	120143-30-764

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6~6.0mm

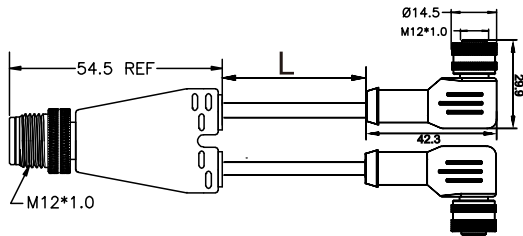
M12 Circular connectors

Y-type cable

Product figure (male to dual R/A female M12-M12)

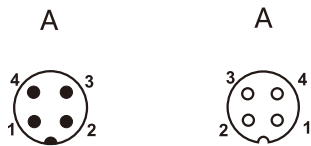


Scale diagram

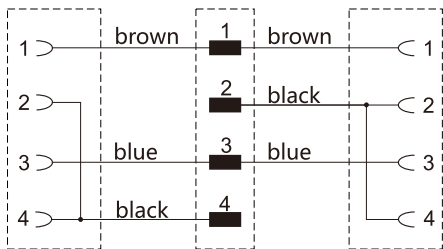


Contact layout/针孔排布 (Front view/前视图)

4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4pins	0.34mm ²	120104-30-701	120104-30-741	120104-30-721	120104-30-761
0.6M	4pins	0.34mm ²	120104-30-702	120104-30-742	120104-30-722	120104-30-762
1.0M	4pins	0.34mm ²	120104-30-703	120104-30-743	120104-30-723	120104-30-763
2.0M	4pins	0.34mm ²	120104-30-704	120104-30-744	120104-30-724	120104-30-764

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6~6.0mm

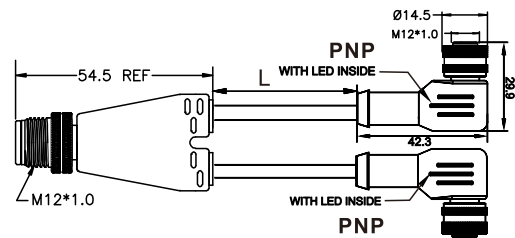
M12 Circular connectors

Y-type cable (with LED PNP)

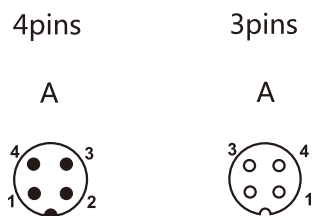
Product figure (male to dual R/A female M12-M12)



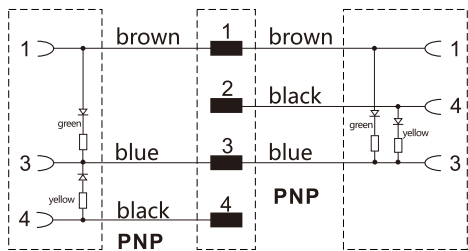
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	4-3pins	120143-30-780
0.6M	4-3pins	120143-30-781
1.0M	4-3pins	120143-30-782
2.0M	4-3pins	120143-30-783

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6~6.0mm

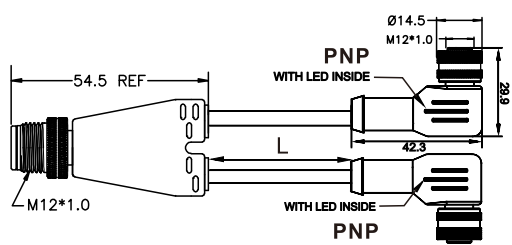
M12 Circular connectors

Y-type cable (with LED PNP)

Product figure (male to dual R/A female M12-M12)

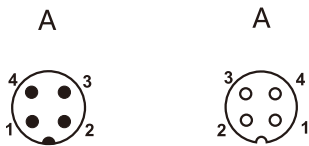


Scale diagram

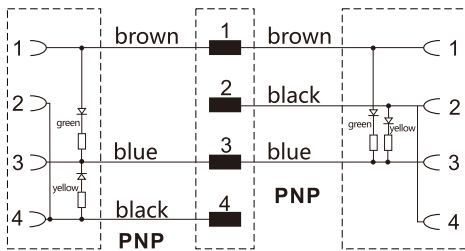


Contact layout/针孔排布 (Front view/前视图)

4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	4pins	120104-30-780
0.6M	4pins	120104-30-781
1.0M	4pins	120104-30-782
2.0M	4pins	120104-30-783

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6~5.0mm

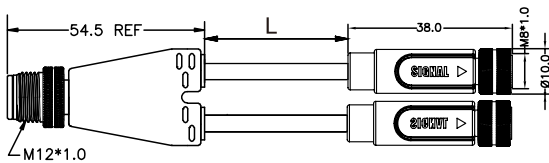
M12 Circular connectors

Y-type cable

Product figure (male to dual female M12-M8)



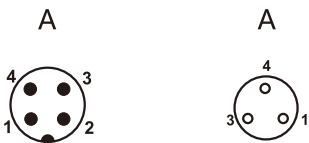
Scale diagram



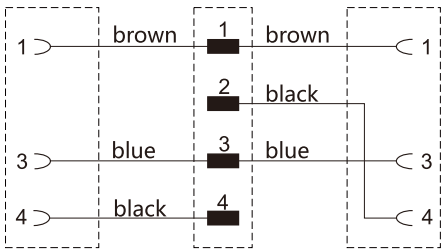
Contact layout/针孔排布 (Front view/前视图)

4pins

3pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4-3pins	0.25mm ²	280143-30-601	280143-30-641	280143-30-621	280143-30-661
0.6M	4-3pins	0.25mm ²	280143-30-602	280143-30-642	280143-30-622	280143-30-662
1.0M	4-3pins	0.25mm ²	280143-30-603	280143-30-643	280143-30-623	280143-30-663
2.0M	4-3pins	0.25mm ²	280143-30-604	280143-30-644	280143-30-624	280143-30-664

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6mm

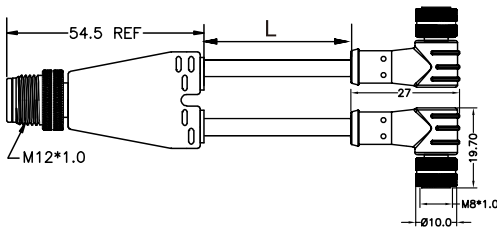
M12 Circular connectors

Y-type cable

Product figure (male to dual R/A female M12-M8)



Scale diagram



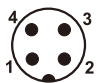
Contact layout/针孔排布 (Front view/前视图)

4pins

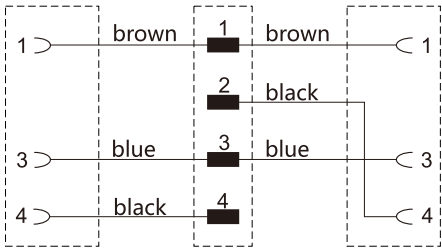
3pins

A

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4-3pins	0.25mm ²	280143-30-701	280143-30-741	280143-30-721	280143-30-761
0.6M	4-3pins	0.25mm ²	280143-30-702	280143-30-742	280143-30-722	280143-30-762
1.0M	4-3pins	0.25mm ²	280143-30-703	280143-30-743	280143-30-723	280143-30-763
2.0M	4-3pins	0.25mm ²	280143-30-704	280143-30-744	280143-30-724	280143-30-764

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6mm

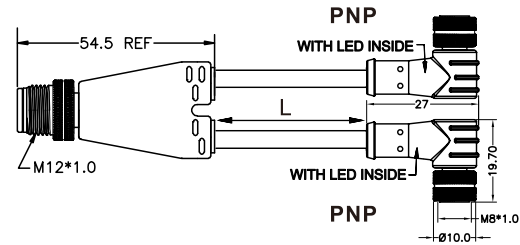
M12 Circular connectors

Y-type cable (with LED PNP)

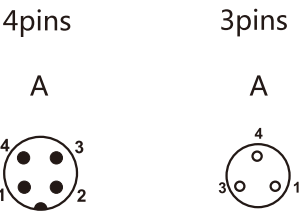
Product figure (male to dual R/A female M12-M8)



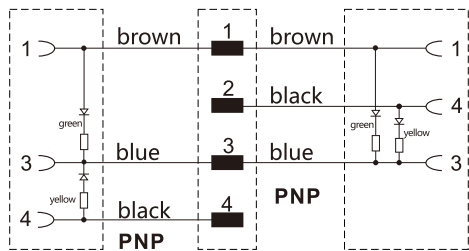
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	4-3pins	280143-30-780
0.6M	4-3pins	280143-30-781
1.0M	4-3pins	280143-30-782
2.0M	4-3pins	280143-30-783

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6mm

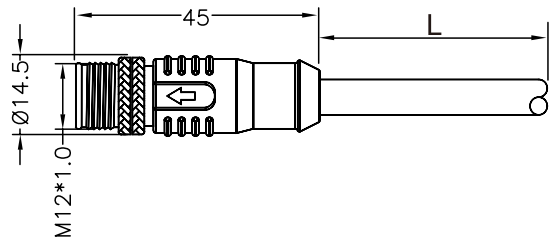
M12 Circular connectors

Male cable (A-coded with shield)

Product figure DeviceNet, CANopen



Scale diagram



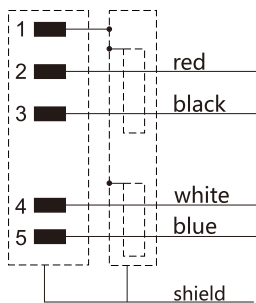
Contact layout/针孔排布 (Front view/前视图)

5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-691
3.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-692
5.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-693
7.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-694
10M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-695

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25℃~+80℃
Cable OD/线材直径	7mm

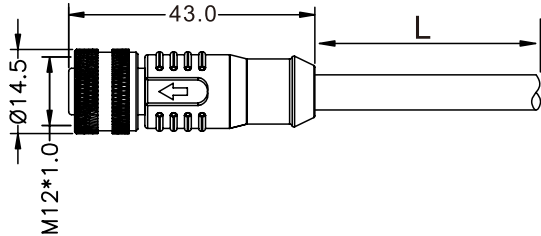
M12 Circular connectors

Female cable (A-coded with shield)

Product figure DeviceNet, CANopen



Scale diagram



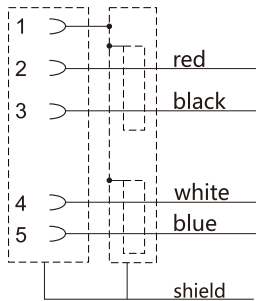
Contact layout/针孔排布 (Front view/前视图)

5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-691
3.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-692
5.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-693
7.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-694
10M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-695

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	7mm

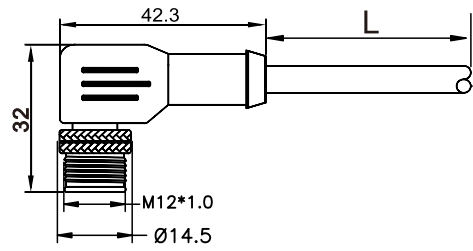
M12 Circular connectors

Male cable (90° A-coded with shield)

Product figure DeviceNet, CANopen



Scale diagram



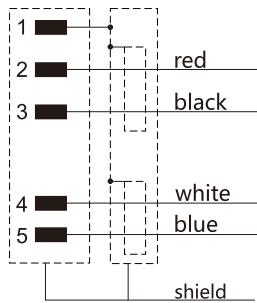
Contact layout/针孔排布 (Front view/前视图)

5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-991
3.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-992
5.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-993
7.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-994
10M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-995

Specifications/技术参数

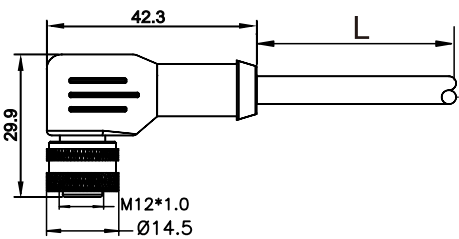
Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	7mm

M12 Circular connectors

Female cable (90° A-coded with shield)

Product figure DeviceNet, CANopen

Scale diagram



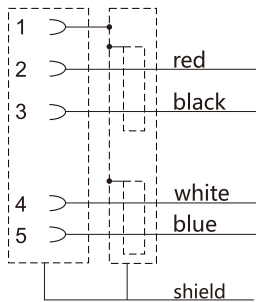
Contact layout/针孔排布 (Front view/前视图)

5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-991
3.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-992
5.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-993
7.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-994
10M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-995

Specifications/技术参数

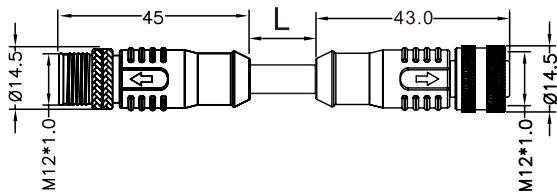
Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	7mm

M12 Circular connectors

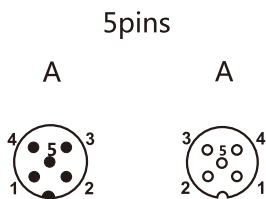
Male to female cable (A-coded with shield)

Product figure DeviceNet, CANopen

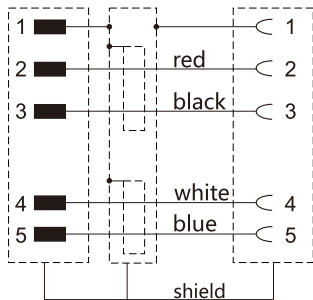
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
0.3M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-691
0.6M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-692
1.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-693
2.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-694

Specifications/技术参数

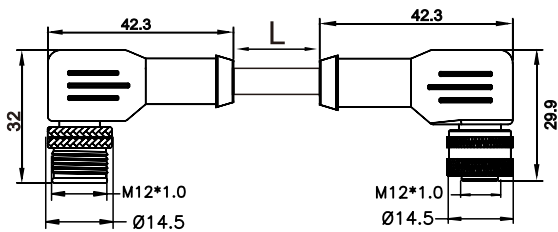
Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	7mm

M12 Circular connectors

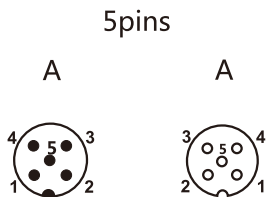
R/A male to R/A female cable
(A-coded with shield)

Product figure DeviceNet, CANopen

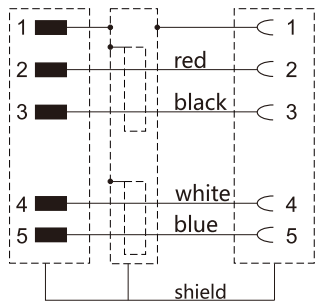
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
0.3M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-991
0.6M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-992
1.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-993
2.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-994

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	7mm

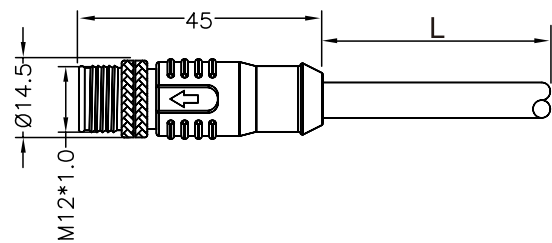
M12 Circular connectors

Male cable (B-coded with shield)

Product figure PROFIBUS



Scale diagram



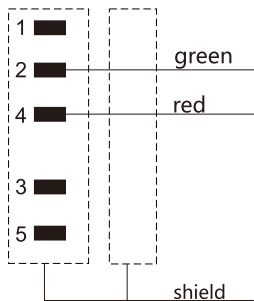
Contact layout/针孔排布 (Front view/前视图)

2pins

B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	2pins	2× Ø0.64mm	120202-05-691
3.0M	2pins	2× Ø0.64mm	120202-05-692
5.0M	2pins	2× Ø0.64mm	120202-05-693
7.5M	2pins	2× Ø0.64mm	120202-05-694
10M	2pins	2× Ø0.64mm	120202-05-695

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

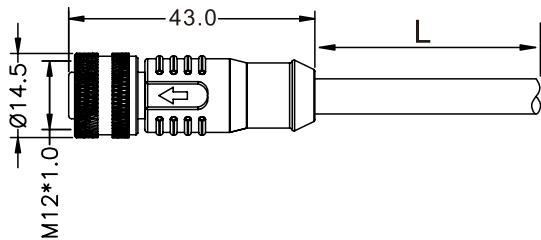
M12 Circular connectors

Female cable (B-coded with shield)

Product figure PROFIBUS



Scale diagram



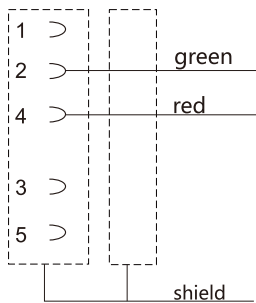
Contact layout/针孔排布 (Front view/前视图)

2pins

B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	2pins	2× Ø0.64mm	120202-06-691
3.0M	2pins	2× Ø0.64mm	120202-06-692
5.0M	2pins	2× Ø0.64mm	120202-06-693
7.5M	2pins	2× Ø0.64mm	120202-06-694
10M	2pins	2× Ø0.64mm	120202-06-695

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

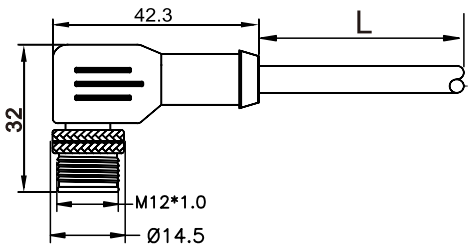
M12 Circular connectors

Male cable (B-coded with shield)

Product figure PROFIBUS



Scale diagram



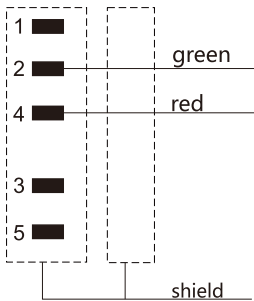
Contact layout/针孔排布 (Front view/前视图)

2pins

B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	2pins	2× Ø0.64mm	120202-05-991
3.0M	2pins	2× Ø0.64mm	120202-05-992
5.0M	2pins	2× Ø0.64mm	120202-05-993
7.5M	2pins	2× Ø0.64mm	120202-05-994
10M	2pins	2× Ø0.64mm	120202-05-995

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

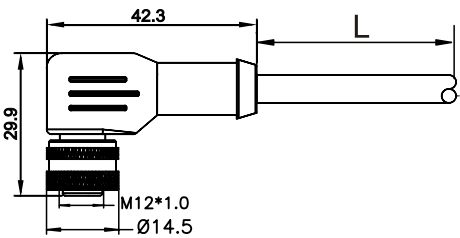
M12 Circular connectors

Female cable (90° B-coded with shield)

Product figure PROFIBUS



Scale diagram



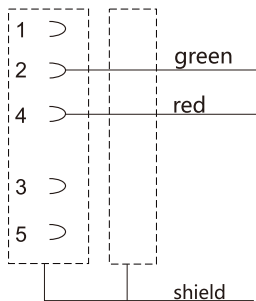
Contact layout/针孔排布 (Front view/前视图)

2pins

B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	2pins	2× Ø0.64mm	120202-06-991
3.0M	2pins	2× Ø0.64mm	120202-06-992
5.0M	2pins	2× Ø0.64mm	120202-06-993
7.5M	2pins	2× Ø0.64mm	120202-06-994
10M	2pins	2× Ø0.64mm	120202-06-995

Specifications/技术参数

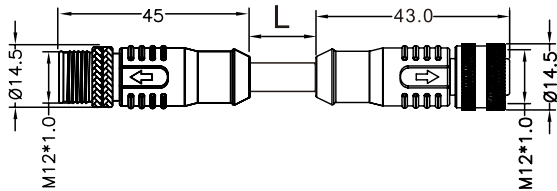
Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

Male to female cable (B-coded with shield)

Product figure PROFIBUS

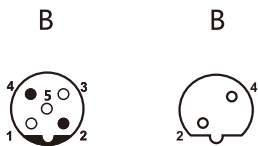


Scale diagram

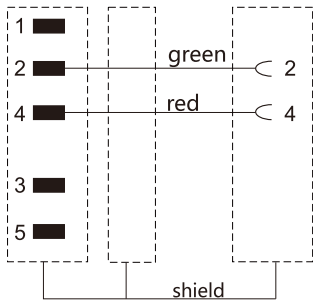


Contact layout/针孔排布 (Front view/前视图)

2pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR + AEB
			purple/紫色
0.3M	2pins	2× Ø0.64mm	120202-56-691
0.6M	2pins	2× Ø0.64mm	120202-56-692
1.0M	2pins	2× Ø0.64mm	120202-56-693
2.0M	2pins	2× Ø0.64mm	120202-56-694

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

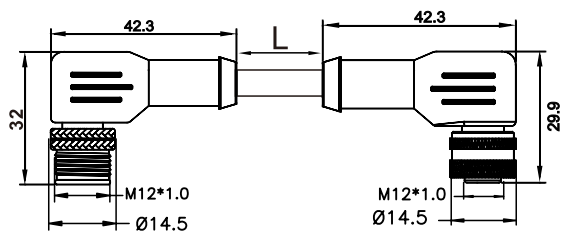
M12 Circular connectors

R/A male to R/A female cable
(B-coded with shield)

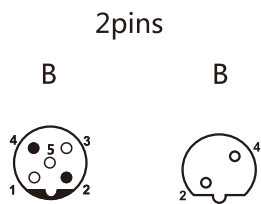
Product figure PROFIBUS



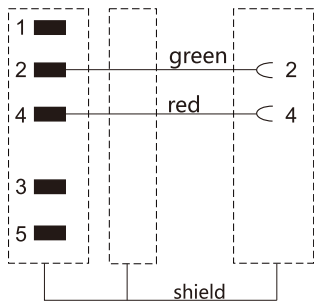
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
0.3M	2pins	2× Ø0.64mm	120202-56-991
0.6M	2pins	2× Ø0.64mm	120202-56-992
1.0M	2pins	2× Ø0.64mm	120202-56-993
2.0M	2pins	2× Ø0.64mm	120202-56-994

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

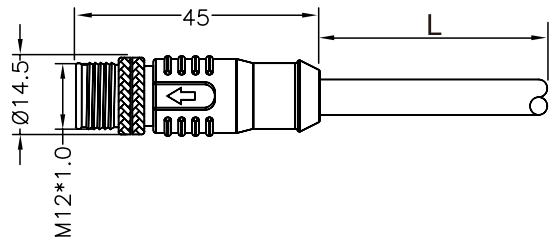
M12 Circular connectors

Male cable (D-coded with shield)

Product figure EtherCAT, PROFINET



Scale diagram



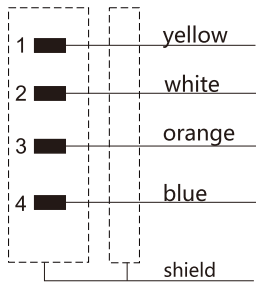
Contact layout/针孔排布 (Front view/前视图)

4pins

D



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
1.5M	4pins	4×0.25mm ²	120404-05-691
3.0M	4pins	4×0.25mm ²	120404-05-692
5.0M	4pins	4×0.25mm ²	120404-05-693
7.5M	4pins	4×0.25mm ²	120404-05-694
10M	4pins	4×0.25mm ²	120404-05-695

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

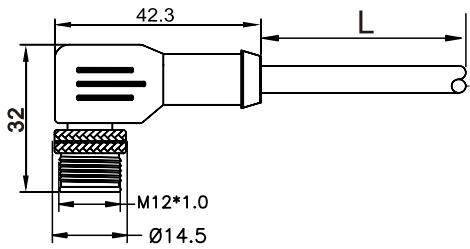
M12 Circular connectors

Male cable (90° D-coded with shield)

Product figure EtherCAT, PROFINET



Scale diagram



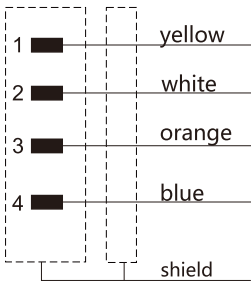
Contact layout/针孔排布 (Front view/前视图)

4pins

D



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB	
			green/绿色	
1.5M	4pins	4×0.25mm ²	120404-05-991	
3.0M	4pins	4×0.25mm ²	120404-05-992	
5.0M	4pins	4×0.25mm ²	120404-05-993	
7.5M	4pins	4×0.25mm ²	120404-05-994	
10M	4pins	4×0.25mm ²	120404-05-995	

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

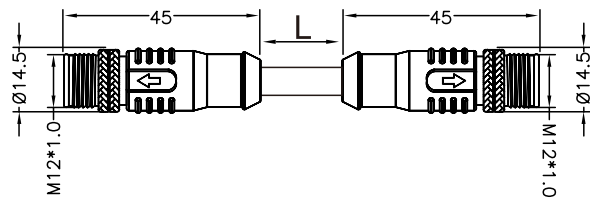
M12 Circular connectors

Male to male cable (D-coded with shield)

Product figure EtherCAT, PROFINET

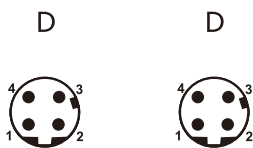


Scale diagram

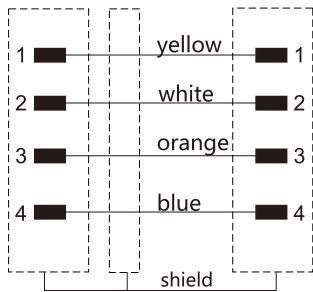


Contact layout/针孔排布 (Front view/前视图)

4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR + AEB
			green/绿色
0.3M	4pins	4×0.25mm ²	120404-55-691
0.6M	4pins	4×0.25mm ²	120404-55-692
1.0M	4pins	4×0.25mm ²	120404-55-693
2.0M	4pins	4×0.25mm ²	120404-55-694

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

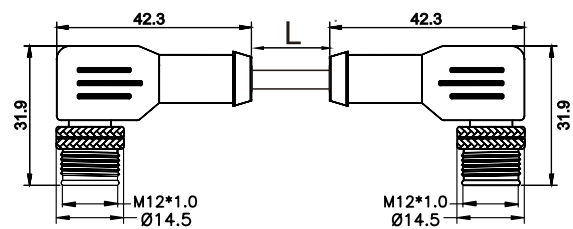
M12 Circular connectors

R/A male to R/A male cable
(D-coded with shield)

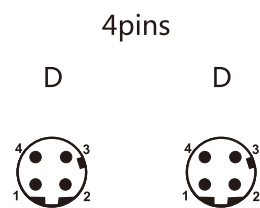
Product figure EtherCAT, PROFINET



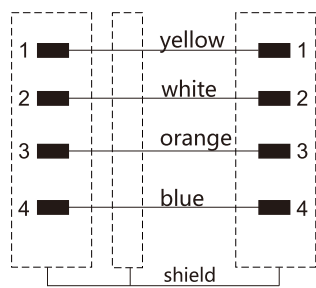
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB	
			green/绿色	
0.3M	4pins	4×0.25mm ²	120404-55-991	
0.6M	4pins	4×0.25mm ²	120404-55-992	
1.0M	4pins	4×0.25mm ²	120404-55-993	
2.0M	4pins	4×0.25mm ²	120404-55-994	

Specifications/技术参数

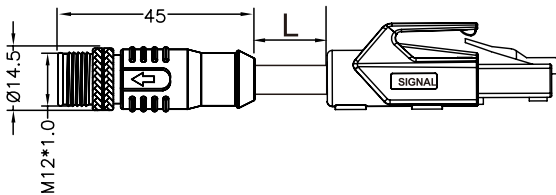
Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	6.4mm

M12 Circular connectors

Male to RJ45 cable (D-coded with shield)

Product figure EtherCAT, PROFINET

Scale diagram



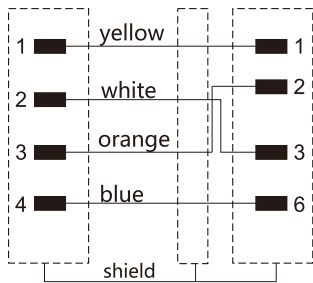
Contact layout/针孔排布 (Front view/前视图)

4pins

D



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
0.3M	4pins	4×0.25mm ²	120404-57-691
0.6M	4pins	4×0.25mm ²	120404-57-692
1.0M	4pins	4×0.25mm ²	120404-57-693
2.0M	4pins	4×0.25mm ²	120404-57-694

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	6.4mm

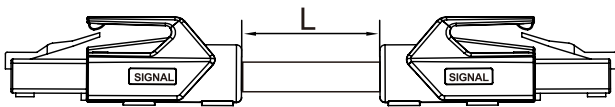
M12 Circular connectors

Rj45 to RJ45 cable (with shield)

Product figure EtherCAT, PROFINET



Scale diagram

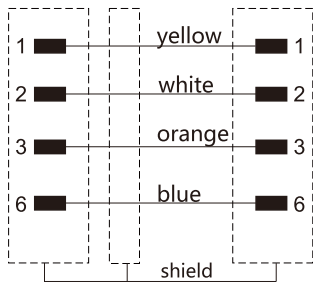


Contact layout/针孔排布 (Front view/前视图)

4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB	
			green/绿色	
0.3M	4pins	4×0.25mm ²	940004-77-691	
0.6M	4pins	4×0.25mm ²	940004-77-692	
1.0M	4pins	4×0.25mm ²	940004-77-693	
2.0M	4pins	4×0.25mm ²	940004-77-694	

Specifications/技术参数

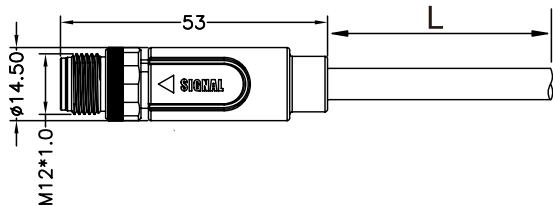
Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

M12 Circular connectors

Male cable (X-coded with shield)

Product figure EtherCAT, PROFINET

Scale diagram



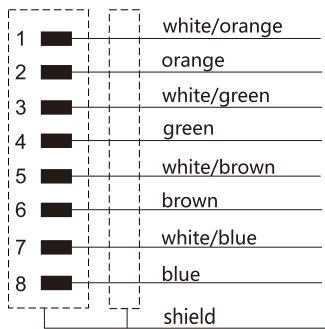
Contact layout/针孔排布 (Front view/前视图)

8pins

X



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
1.5M	8pins	2×4×0.14mm ²	120708-05-691
3.0M	8pins	2×4×0.14mm ²	120708-05-692
5.0M	8pins	2×4×0.14mm ²	120708-05-693
7.5M	8pins	2×4×0.14mm ²	120708-05-694
10M	8pins	2×4×0.14mm ²	120708-05-695

Specifications/技术参数

Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C~+85°C
Cable OD/线材直径	6.2mm

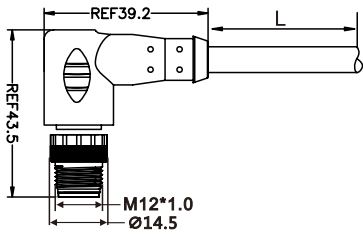
M12 Circular connectors

Male cable (90° X-coded with shield)

Product figure EtherCAT, PROFINET



Scale diagram



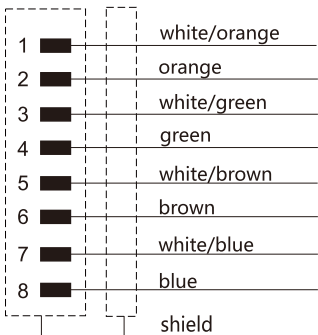
Contact layout/针孔排布 (Front view/前视图)

8pins

X



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
1.5M	8pins	2×4×0.14mm ²	120708-05-991
3.0M	8pins	2×4×0.14mm ²	120708-05-992
5.0M	8pins	2×4×0.14mm ²	120708-05-993
7.5M	8pins	2×4×0.14mm ²	120708-05-994
10M	8pins	2×4×0.14mm ²	120708-05-995

Specifications/技术参数

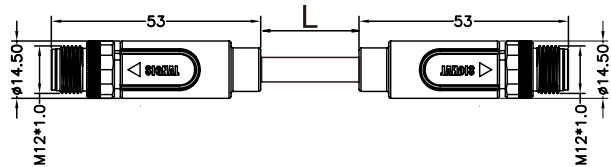
Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

M12 Circular connectors

Male to male cable (X-coded with shield)

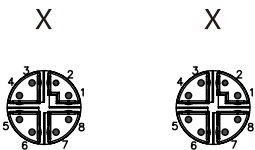
Product figure EtherCAT, PROFINET

Scale diagram

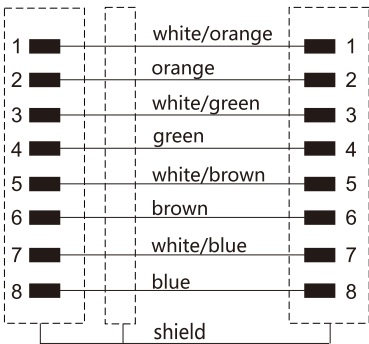


Contact layout/针孔排布 (Front view/前视图)

8pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
0.3M	8pins	2×4×0.14mm ²	120708-55-691
0.6M	8pins	2×4×0.14mm ²	120708-55-692
1.0M	8pins	2×4×0.14mm ²	120708-55-693
2.0M	8pins	2×4×0.14mm ²	120708-55-694

Specifications/技术参数

Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

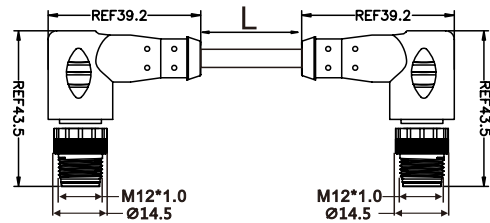
M12 Circular connectors

R/A male to R/A male cable
(X-coded with shield)

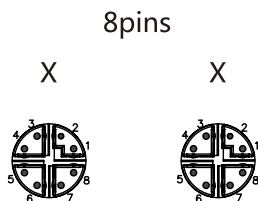
Product figure EtherCAT, PROFINET



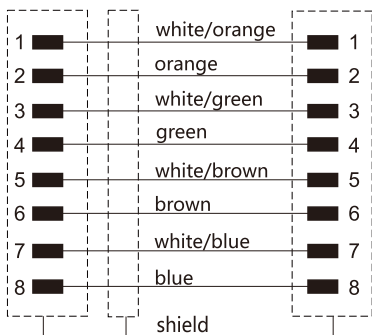
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
0.3M	8pins	2×4×0.14mm ²	120708-55-991
0.6M	8pins	2×4×0.14mm ²	120708-55-992
1.0M	8pins	2×4×0.14mm ²	120708-55-993
2.0M	8pins	2×4×0.14mm ²	120708-55-994

Specifications/技术参数

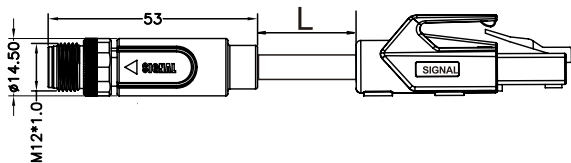
Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

M12 Circular connectors

Male to RJ45 cable (X-coded with shield)

Product figure EtherCAT, PROFINET

Scale diagram



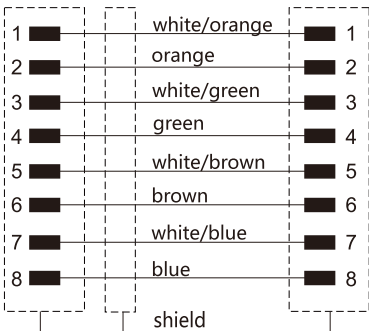
Contact layout/针孔排布 (Front view/前视图)

8pins

X



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
0.3M	8pins	2×4×0.14mm ²	120708-57-691
0.6M	8pins	2×4×0.14mm ²	120708-57-692
1.0M	8pins	2×4×0.14mm ²	120708-57-693
2.0M	8pins	2×4×0.14mm ²	120708-57-694

Specifications/技术参数

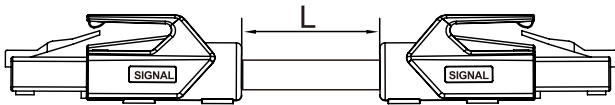
Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

M12 Circular connectors

Rj45 to RJ45 cable (with shield)

Product figure EtherCAT, PROFINET

Scale diagram

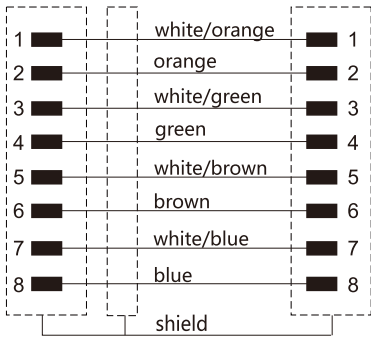


Contact layout/针孔排布 (Front view/前视图)

8pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
0.3M	8pins	2×4×0.14mm ²	940008-77-691
0.6M	8pins	2×4×0.14mm ²	940008-77-692
1.0M	8pins	2×4×0.14mm ²	940008-77-693
2.0M	8pins	2×4×0.14mm ²	940008-77-694

Specifications/技术参数

Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm



备注



M16 Series Circular Connectors

1.Assembly connector

1601-1602

2.Panel

1603-1606

3.Cable

1607-1608

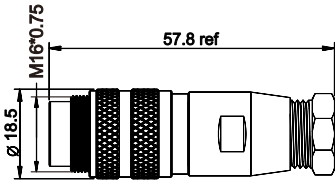
M16 Circular connectors

Male assembly connector

Product figure

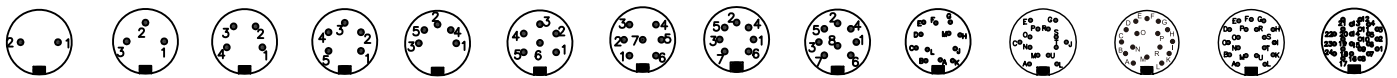


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2pins 3pins 4pins 5pins 6pins 7pins 8pins 12pins 14pins 16pins 19pins 24pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-01-001	ASM16M02001
3pins(DIN)	160003-01-002	ASM16M03D001
4pins	160004-01-001	ASM16M04001
5pins	160005-01-001	ASM16M05001
5pins(DIN)	160005-01-002	ASM16M05D001
6pins(DIN)	160006-01-001	ASM16M06D001
7pins	160007-01-001	ASM16M07001
7pins(DIN)	160007-01-002	ASM16M07D001
8pins(DIN)	160008-01-001	ASM16M08D001
12pins	160012-01-001	ASM16M12001
14pins	160014-01-001	ASM16M14001
16pins	160016-01-001	ASM16M16001
19pins	160019-01-001	ASM16M19001
24pins	160024-01-002	ASM16M24001

Specifications/技术参数

Number of contacts/芯数	2	3DIN	4	5	5DIN	6DIN	7	7DIN	8DIN	12	14	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Cable OD/线材直径	5~7.5mm													
Operating temperature/工作温度	-25°C~+85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V			32V					
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

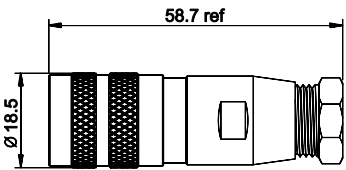
M16 Circular connectors

Female assembly connector

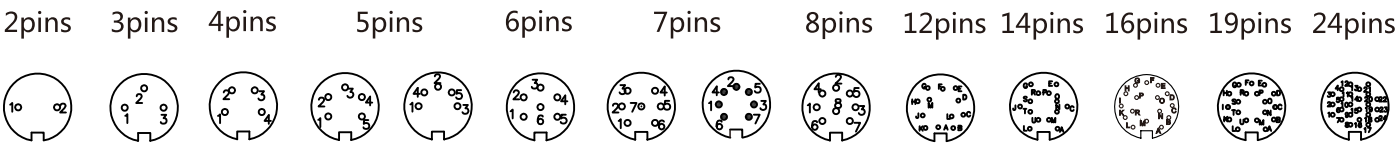
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-02-001	ASM16F02001
3pins(DIN)	160003-02-002	ASM16F03D001
4pins	160004-02-002	ASM16F04001
5pins	160005-02-001	ASM16F05001
5pins(DIN)	160005-02-002	ASM16F05D001
6pins(DIN)	160006-02-001	ASM16F06D001
7pins	160007-02-001	ASM16F07001
7pins(DIN)	160007-02-002	ASM16F07D001
8pins(DIN)	160008-02-001	ASM16F08D001
12pins	160012-02-001	ASM16F12001
14pins	160014-02-001	ASM16F14001
16pins	160016-02-001	ASM16F16001
19pins	160019-02-001	ASM16F19001
24pins	160024-02-001	ASM16F24001

Specifications/技术参数

Number of contacts/芯数	2	3DIN	4	5	5DIN	6DIN	7	7DIN	8DIN	12	14	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Cable OD/线材直径	5~7.5mm													
Operating temperature/工作温度	-25°C~+85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V			32V					
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

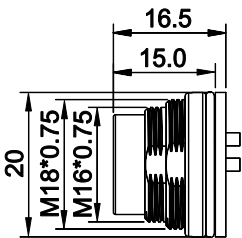
M16 Circular connectors

Male panel connector

Product figure (front fastened)

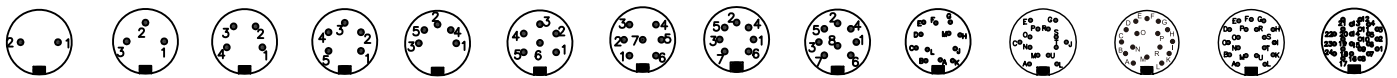


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2pins 3pins 4pins 5pins 6pins 7pins 8pins 12pins 14pins 16pins 19pins 24pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-03-001	PMM16FM02001
3pins(DIN)	160003-03-002	PMM16FM03D001
4pins	160004-03-001	PMM16FM04001
5pins	160005-03-001	PMM16FM05001
5pins(DIN)	160005-03-004	PMM16FM05D001
6pins(DIN)	160006-03-001	PMM16FM06D001
7pins	160007-03-001	PMM16FM07001
7pins(DIN)	160007-03-002	PMM16FM07D001
8pins(DIN)	160008-03-001	PMM16FM08D001
12pins	160012-03-001	PMM16FM12001
14pins	160014-03-001	PMM16FM14001
16pins	160016-03-001	PMM16FM16001
19pins	160019-03-001	PMM16FM19001
24pins	160024-03-001	PMM16FM24001

Specifications/技术参数

Number of contacts/芯数	2	3DIN	4	5	5DIN	6DIN	7	7DIN	8DIN	12	14	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C ~ +85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V		32V						
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

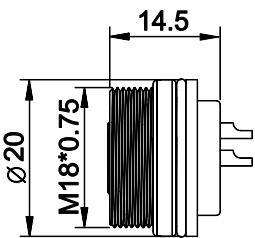
M16 Circular connectors

Female panel connector

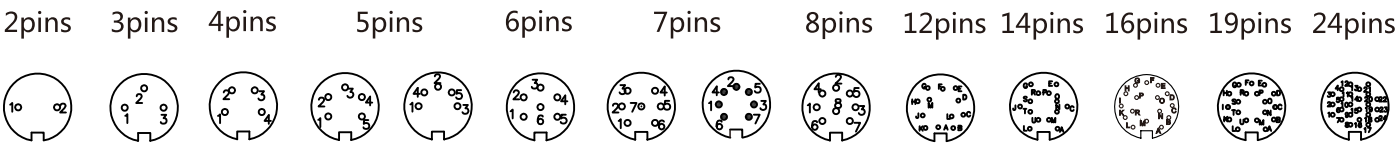
Product figure(front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-04-001	PMM16FF02001
3pins(DIN)	160003-04-002	PMM16FF03D001
4pins	160004-04-001	PMM16FF04001
5pins	160005-04-001	PMM16FF05001
5pins(DIN)	160005-04-004	PMM16FF05D001
6pins(DIN)	160006-04-001	PMM16FF06D001
7pins	160007-04-001	PMM16FF07001
7pins(DIN)	160007-04-002	PMM16FF07D001
8pins(DIN)	160008-04-001	PMM16FF08D001
12pins	160012-04-001	PMM16FF12001
14pins	160014-04-001	PMM16FF14001
16pins	160016-04-001	PMM16FF16001
19pins	160019-04-001	PMM16FF19001
24pins	160024-04-001	PMM16FF24001

Specifications/技术参数

Number of contacts/芯数	2	3DIN	4	5	5DIN	6DIN	7	7DIN	8DIN	12	14	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C ~ +85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V		32V		63V		32V				
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

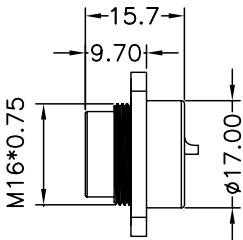
M16 Circular connectors

Male panel connector

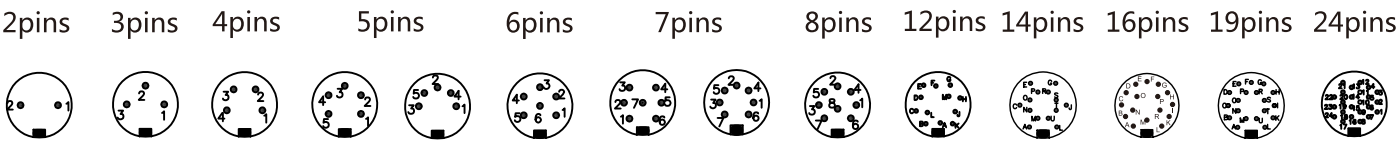
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-03-002	PMM16LM02001
3pins(DIN)	160003-03-003	PMM16LM03D001
4pins	160004-03-002	PMM16LM04001
5pins	160005-03-002	PMM16LM05001
5pins(DIN)	160005-03-003	PMM16LM05D001
6pins(DIN)	160006-03-002	PMM16LM06D001
7pins	160007-03-003	PMM16LM07001
7pins(DIN)	160007-03-004	PMM16LM07D001
8pins(DIN)	160008-03-002	PMM16LM08D001
12pins	160012-03-002	PMM16LM12001
14pins	160014-03-002	PMM16LM14001
16pins	160016-03-002	PMM16LM16001
19pins	160019-03-002	PMM16LM19001
24pins	160024-03-002	PMM16LM24001

Specifications/技术参数

Number of contacts/芯数	2	3DIN	4	5	5DIN	6DIN	7	7DIN	8DIN	12	14	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C ~ +85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V		32V		63V		32V				
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

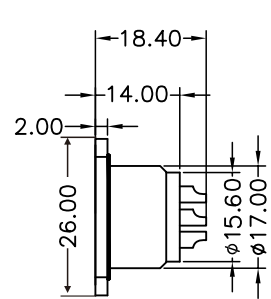
M16 Circular connectors

Female panel connector

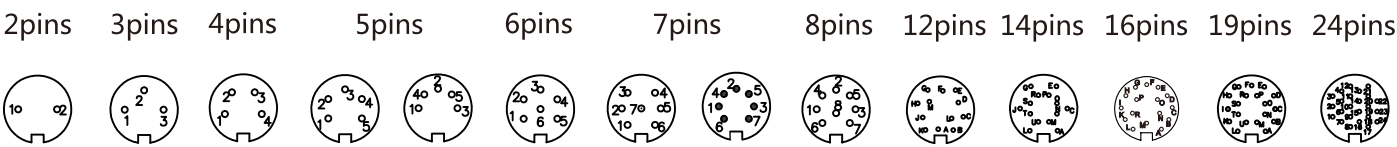
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-04-002	PMM16LF02001
3pins(DIN)	160003-04-003	PMM16LF03D001
4pins	160004-04-002	PMM16LF04001
5pins	160005-04-002	PMM16LF05001
5pins(DIN)	160005-04-003	PMM16LF05D001
6pins(DIN)	160006-04-002	PMM16LF06D001
7pins	160007-04-003	PMM16LF07001
7pins(DIN)	160007-04-004	PMM16LF07D001
8pins(DIN)	160008-04-002	PMM16LF08D001
12pins	160012-04-002	PMM16LF12001
14pins	160014-04-002	PMM16LF14001
16pins	160016-04-002	PMM16LF16001
19pins	160019-04-002	PMM16LF19001
24pins	160024-04-003	PMM16LF24001

Specifications/技术参数

Number of contacts/芯数	2	3DIN	4	5	5DIN	6DIN	7	7DIN	8DIN	12	14	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C ~ +85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V		32V		63V		32V				
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

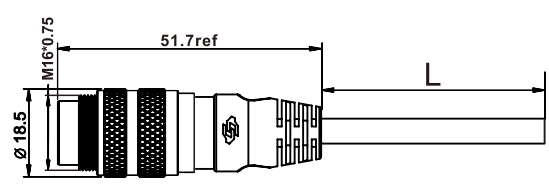
M16 Circular connectors

Male cable

Product figure

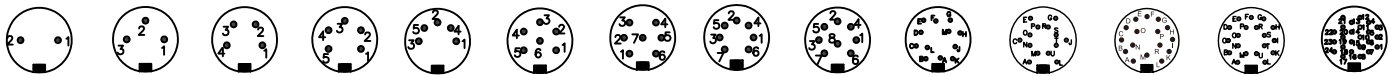


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2pins 3pins 4pins 5pins 6pins 7pins 8pins 12pins 14pins 16pins 19pins 24pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-05-001	CAM16SM02001
3pins(DIN)	160003-05-001	CAM16SM03D001
4pins	160004-05-001	CAM16SM04001
5pins	160005-05-001	CAM16SM05001
5pins(DIN)	160005-05-002	CAM16SM05D001
6pins(DIN)	160006-05-001	CAM16SM06D001
7pins	160007-05-001	CAM16SM07001
7pins(DIN)	160007-05-002	CAM16SM07D001
8pins(DIN)	160008-05-001	CAM16SM08D001
12pins	160012-05-001	CAM16SM12001
14pins	160014-05-001	CAM16SM14001
16pins	160016-05-001	CAM16SM16001
19pins	160019-05-001	CAM16SM19001
24pins	160024-05-001	CAM16SM24001

Specifications/技术参数

Number of contacts/芯数	2	3DIN	4	5	5DIN	6DIN	7	7DIN	8DIN	12	14	16	19	24
Termination/接线方式	moulded on cable/成型线													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C ~ +80°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V			32V					
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

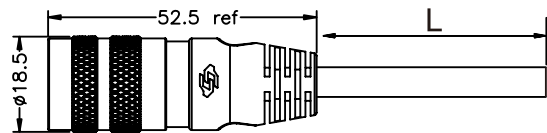
M16 Circular connectors

Female cable

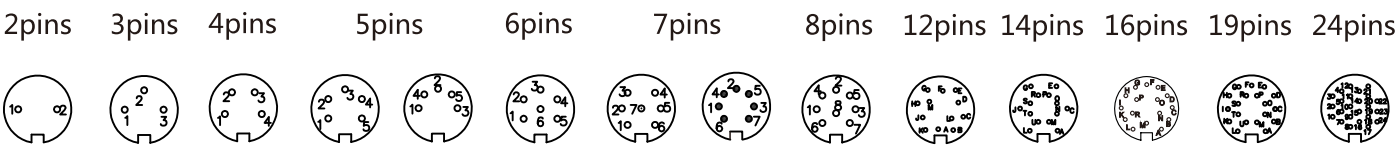
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-06-002	CAM16SF02001
3pins(DIN)	160003-06-001	CAM16SF03D001
4pins	160004-06-001	CAM16SF04001
5pins	160005-06-001	CAM16SF05001
5pins(DIN)	160005-06-002	CAM16SF05D001
6pins(DIN)	160006-06-001	CAM16SF06D001
7pins	160007-06-001	CAM16SF07001
7pins(DIN)	160007-06-002	CAM16SF07D001
8pins(DIN)	160008-06-001	CAM16SF08D001
12pins	160012-06-001	CAM16SF12001
14pins	160014-06-001	CAM16SF14001
16pins	160016-06-001	CAM16SF16001
19pins	160019-06-002	CAM16SF19001
24pins	160024-06-002	CAM16SF24001

Specifications/技术参数

Number of contacts/芯数	2	3DIN	4	5	5DIN	6DIN	7	7DIN	8DIN	12	14	16	19	24
Termination/接线方式	moulded on cable/成型线													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C~+80°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V		32V		63V		32V				
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													