

7/8" Series



7/8" Series Circular Connectors

1.Assembly connector

7801-7804

2.Panel

7805-7808

3.Cable

7809-7810

4.Standard cable lenght

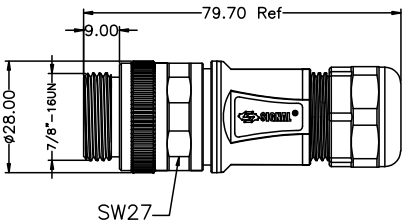
7811-7817

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

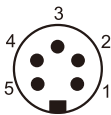
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-01-004	—
4pins	780004-01-005	—
5pins	780005-01-004	—

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	screw clamp/锁螺丝		
Wire gauge/线规	max.1.5mm ² (max.16AWG)		max.1.5-2.5mm ² (max.16-14AWG)
Cable OD/线材直径	6~12mm		
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	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	≤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		

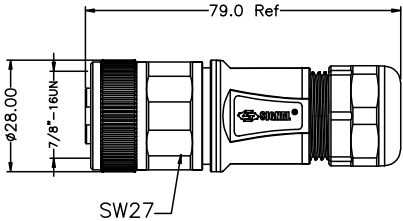


Female assembly connector

Product figure



Scale diagram

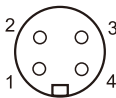


Contact layout/针孔排布 (Front view/前视图)

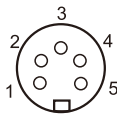
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-02-004	—
4pins	780004-02-004	—
5pins	780005-02-006	—

Specifications/技术参数

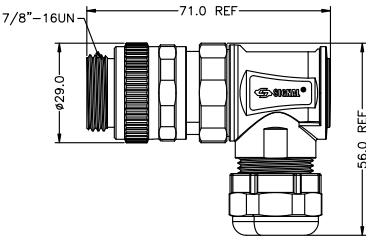
Number of contacts/芯数	3	4	5
Termination/接线方式	screw clamp/锁螺丝		
Wire gauge/线规	max.1.5mm ² (max.16AWG)		max.1.5-2.5mm ² (max.16-14AWG)
Cable OD/线材直径	6~12mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	≤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		

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

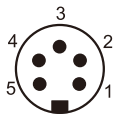
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-01-002	AS78M03002
4pins	780004-01-002	AS78M04002
5pins	780005-01-002	AS78M05002

Specifications/技术参数

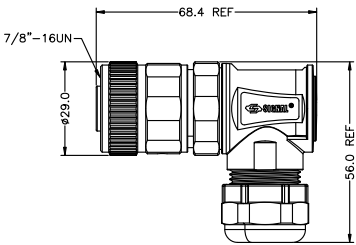
Number of contacts/芯数	3	4	5
Termination/接线方式	screw clamp/锁螺丝		
Wire gauge/线规	max.1.5mm ² (max.16AWG)		max.1.5-2.5mm ² (max.16-14AWG)
Cable OD/线材直径	6~12mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	≤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		

Female assembly connector

Product figure

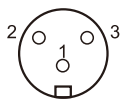


Scale diagram

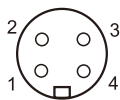


Contact layout/针孔排布 (Front view/前视图)

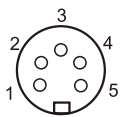
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-02-002	AS78F03002
4pins	780004-02-002	AS78F04002
5pins	780005-02-002	AS78F05002

Specifications/技术参数

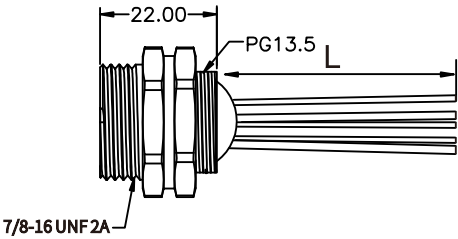
Number of contacts/芯数	3	4	5
Termination/接线方式	screw clamp/锁螺丝		
Wire gauge/线规	max.1.5mm ² (max.16AWG)		max.1.5-2.5mm ² (max.16-14AWG)
Cable OD/线材直径	6~12mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	≤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		

Male panel connector

Product figure(rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

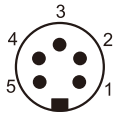
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-03-001	PM78BM03001
4pins	780004-03-002	PM78BM04001
5pins	780005-03-001	PM78BM05001

Specifications/技术参数

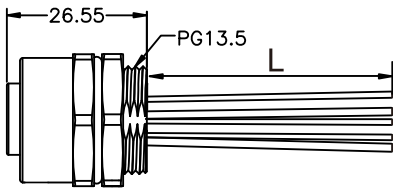
Number of contacts/芯数	3	4	5
Termination/接线方式	solder/焊线式		
Wire gauge/线规	max. 0.82mm ² (max.18AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	10A	8A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤5mΩ		
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		

Female panel connector

Product figure(rear fastened)



Scale diagram

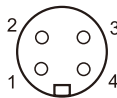


Contact layout/针孔排布 (Front view/前视图)

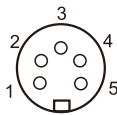
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-04-001	PM78BF03001
4pins	780004-04-002	PM78BF04001
5pins	780005-04-001	PM78BF05001

Specifications/技术参数

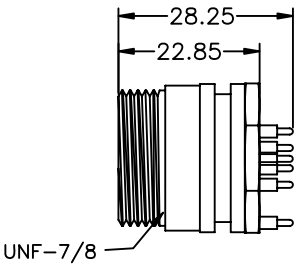
Number of contacts/芯数	3	4	5
Termination/接线方式	solder/焊线式		
Wire gauge/线规	max. 0.82mm ² (max.18AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	10A	8A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤5mΩ		
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		

Male panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

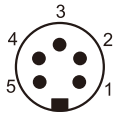
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-03-002	PM78BM03002
4pins	780004-03-003	PM78BM04002
5pins	780005-03-002	PM78BM05002

Specifications/技术参数

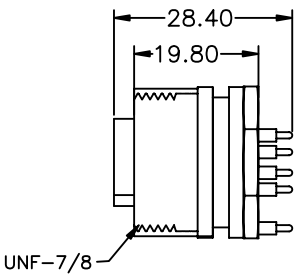
Number of contacts/芯数	3	4	5
Termination/接线方式	PCB/插板式		
Wire gauge/线规	——		
Operating temperature/工作温度	-25°C ~ +85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	10A	8A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤5mΩ		
Insulation 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		

Female panel connector

Product figure

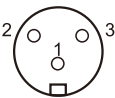


Scale diagram

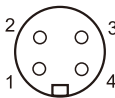


Contact layout/针孔排布 (Front view/前视图)

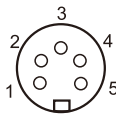
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-04-002	PM78BF03002
4pins	780004-04-003	PM78BF04002
5pins	780005-04-002	PM78BF05002

Specifications/技术参数

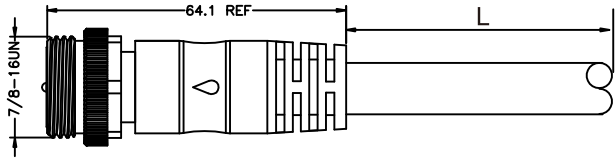
Number of contacts/芯数	3	4	5
Termination/接线方式	PCB/插板式		
Wire gauge/线规	——		
Operating temperature/工作温度	-25°C ~ +85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	10A	8A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤5mΩ		
Insulation 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		

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

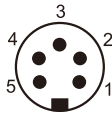
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-05-001	CA78SM03001
4pins	780004-05-001	CA78SM04001
5pins	780005-05-001	CA78SM05001

Specifications/技术参数

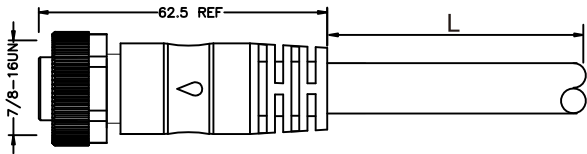
Number of contacts/芯数	3	4	5
Termination/接线方式	moulded on cable/成型线		
Wire gauge/线规	max. 1.5mm ² (max. 16AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤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		

Female cable

Product figure

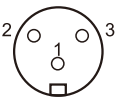


Scale diagram

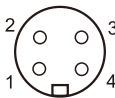


Contact layout/针孔排布 (Front view/前视图)

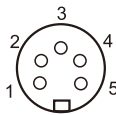
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-06-001	CA78SF03001
4pins	780004-06-001	CA78SF04001
5pins	780005-06-001	CA78SF05001

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	moulded on cable/成型线		
Wire gauge/线规	max. 1.5mm ² (max. 16AWG)		
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	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤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		

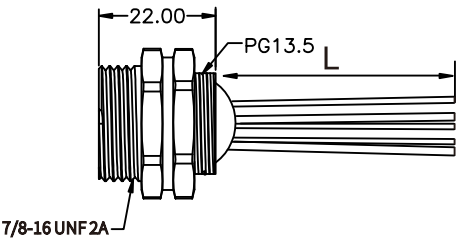
7/8" Circular connectors

Male panel connector

Product figure(rear fastened)



Scale diagram

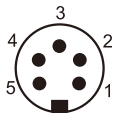


Contact layout/针孔排布 (Front view/前视图)

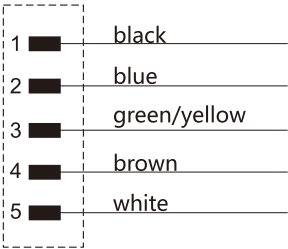
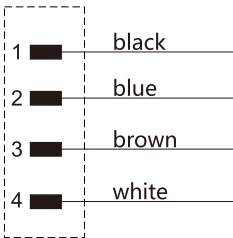
4pins



5pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	4pins	0.75mm ²	780004-03-811	780004-03-821
	5pins	0.75mm ²	780005-03-811	780005-03-821
0.2M	4pins	0.75mm ²	780004-03-812	780004-03-822
	5pins	0.75mm ²	780005-03-812	780005-03-822
0.5M	4pins	0.75mm ²	780004-03-813	780004-03-823
	5pins	0.75mm ²	780005-03-813	780005-03-823
1.0M	4pins	0.75mm ²	780004-03-814	780004-03-824
	5pins	0.75mm ²	780005-03-814	780005-03-824

Specifications/技术参数

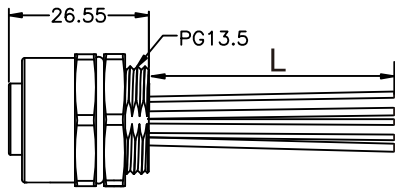
Number of contacts/芯数	4	5
Rated voltage/额定电压	300V	
Rated current (40°C)/额定电流	8A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

Female panel connector

Product figure(rear fastened)

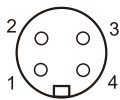


Scale diagram

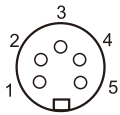


Contact layout/针孔排布 (Front view/前视图)

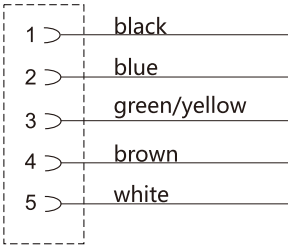
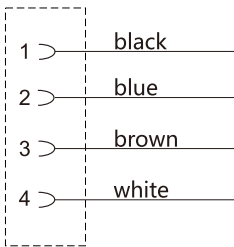
4pins



5pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	4pins	0.75mm ²	780004-04-811	780004-04-821
	5pins	0.75mm ²	780005-04-811	780005-04-821
0.2M	4pins	0.75mm ²	780004-04-812	780004-04-822
	5pins	0.75mm ²	780005-04-812	780005-04-822
0.5M	4pins	0.75mm ²	780004-04-813	780004-04-823
	5pins	0.75mm ²	780005-04-813	780005-04-823
1.0M	4pins	0.75mm ²	780004-04-814	780004-04-824
	5pins	0.75mm ²	780005-04-814	780005-04-824

Specifications/技术参数

Number of contacts/芯数	4	5
Rated voltage/额定电压	300V	
Rated current (40°C)/额定电流	8A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C~+80°C	

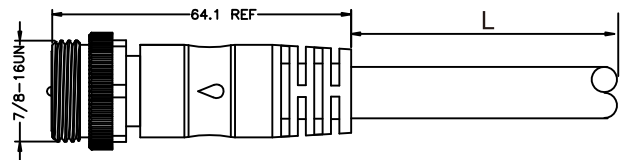
7/8" Circular connectors

Male cable

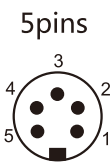
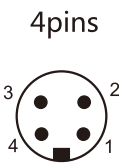
Product figure



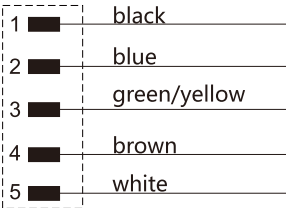
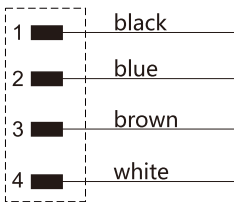
Scale diagram



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
			yellow/黄色	yellow/黄色
1.5M	4pins	4×1.0mm ²	780004-05-601	780004-05-621
	5pins	5×1.0mm ²	780005-05-601	780005-05-621
3.0M	4pins	4×1.0mm ²	780004-05-602	780004-05-622
	5pins	5×1.0mm ²	780005-05-602	780005-05-622
5.0M	4pins	4×1.0mm ²	780004-05-603	780004-05-623
	5pins	5×1.0mm ²	780005-05-603	780005-05-623
7.5M	4pins	4×1.0mm ²	780004-05-604	780004-05-624
	5pins	5×1.0mm ²	780005-05-604	780005-05-624
10M	4pins	4×1.0mm ²	780004-05-605	780004-05-625
	5pins	5×1.0mm ²	780005-05-605	780005-05-625

Specifications/技术参数

Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	6.5~7.0mm	7.2mm

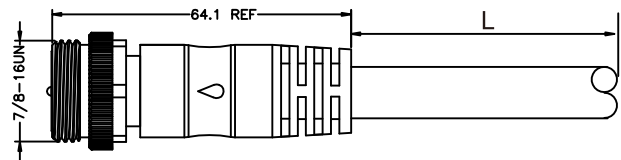
7/8" Circular connectors

Male cable

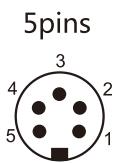
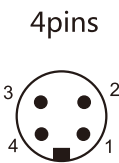
Product figure



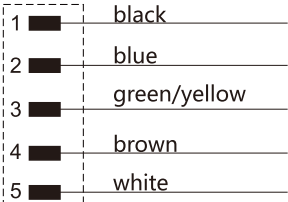
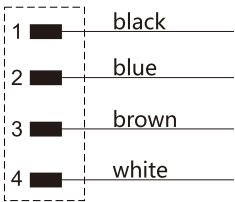
Scale diagram



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
			yellow/黄色	yellow/黄色
1.5M	4pins	4×1.5mm ²	780004-05-641	780004-05-661
	5pins	5×1.5mm ²	780005-05-641	780005-05-661
3.0M	4pins	4×1.5mm ²	780004-05-642	780004-05-662
	5pins	5×1.5mm ²	780005-05-642	780005-05-662
5.0M	4pins	4×1.5mm ²	780004-05-643	780004-05-663
	5pins	5×1.5mm ²	780005-05-643	780005-05-663
7.5M	4pins	4×1.5mm ²	780004-05-644	780004-05-664
	5pins	5×1.5mm ²	780005-05-644	780005-05-664
10M	4pins	4×1.5mm ²	780004-05-645	780004-05-665
	5pins	5×1.5mm ²	780005-05-645	780005-05-665

Specifications/技术参数

Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	7.0mm	8.7mm

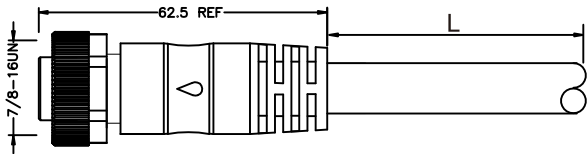
7/8" Circular connectors

Female cable

Product figure

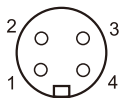


Scale diagram

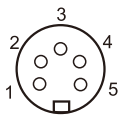


Contact layout/针孔排布 (Front view/前视图)

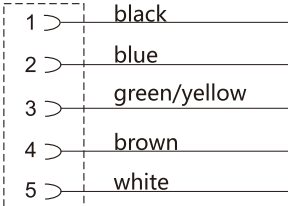
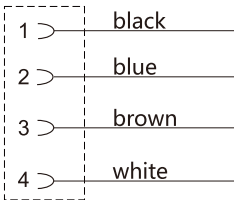
4pins



5pins



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
			yellow/黄色	yellow/黄色
1.5M	4pins	4×1.0mm ²	780004-06-601	780004-06-621
	5pins	5×1.0mm ²	780005-06-601	780005-06-621
3.0M	4pins	4×1.0mm ²	780004-06-602	780004-06-622
	5pins	5×1.0mm ²	780005-06-602	780005-06-622
5.0M	4pins	4×1.0mm ²	780004-06-603	780004-06-623
	5pins	5×1.0mm ²	780005-06-603	780005-06-623
7.5M	4pins	4×1.0mm ²	780004-06-604	780004-06-624
	5pins	5×1.0mm ²	780005-06-604	780005-06-624
10M	4pins	4×1.0mm ²	780004-06-605	780004-06-625
	5pins	5×1.0mm ²	780005-06-605	780005-06-625

Specifications/技术参数

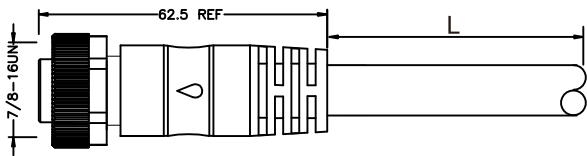
Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	6.5~7.0mm	7.2mm

Female cable

Product figure

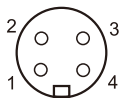


Scale diagram

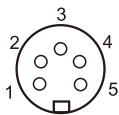


Contact layout/针孔排布 (Front view/前视图)

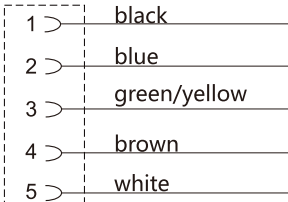
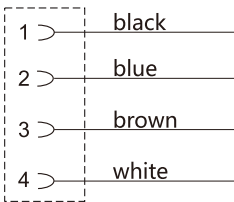
4pins



5pins



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
			yellow/黄色	yellow/黄色
1.5M	4pins	4×1.5mm ²	780004-06-641	780004-06-661
	5pins	5×1.5mm ²	780005-06-641	780005-06-661
3.0M	4pins	4×1.5mm ²	780004-06-642	780004-06-662
	5pins	5×1.5mm ²	780005-06-642	780005-06-662
5.0M	4pins	4×1.5mm ²	780004-06-643	780004-06-663
	5pins	5×1.5mm ²	780005-06-643	780005-06-663
7.5M	4pins	4×1.5mm ²	780004-06-644	780004-06-664
	5pins	5×1.5mm ²	780005-06-644	780005-06-664
10M	4pins	4×1.5mm ²	780004-06-645	780004-06-665
	5pins	5×1.5mm ²	780005-06-645	780005-06-665

Specifications/技术参数

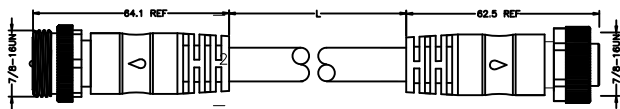
Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	7.0mm	8.7mm

Male to female cable

Product figure

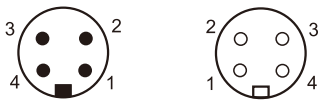


Scale diagram

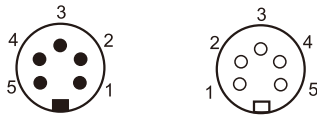


Contact layout/针孔排布 (Front view/前视图)

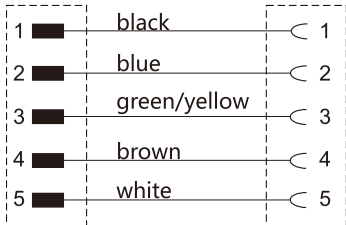
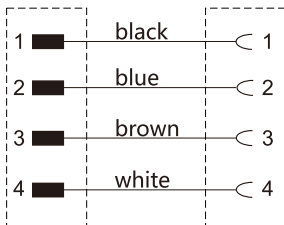
4pins



5pins



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
			yellow/黄色	yellow/黄色
0.3M	4pins	4×1.0mm ²	780004-56-601	780004-56-621
	5pins	5×1.0mm ²	780005-56-601	780005-56-621
0.6M	4pins	4×1.0mm ²	780004-56-602	780004-56-622
	5pins	5×1.0mm ²	780005-56-602	780005-56-622
1.0M	4pins	4×1.0mm ²	780004-56-603	780004-56-623
	5pins	5×1.0mm ²	780005-56-603	780005-56-623
2.0M	4pins	4×1.0mm ²	780004-56-604	780004-56-624
	5pins	5×1.0mm ²	780005-56-604	780005-56-624

Specifications/技术参数

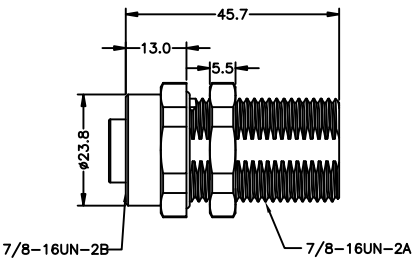
Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	6.5~7.0mm	7.2mm

7/8 Male to Female Adapter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
5pins	780005-10-001	—

Specifications/技术参数

Number of contacts/芯数	5
Termination/接线方式	—
Wire gauge/线规	—
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	600V AC / DC
Rated current (40°C)/额定电流	9A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

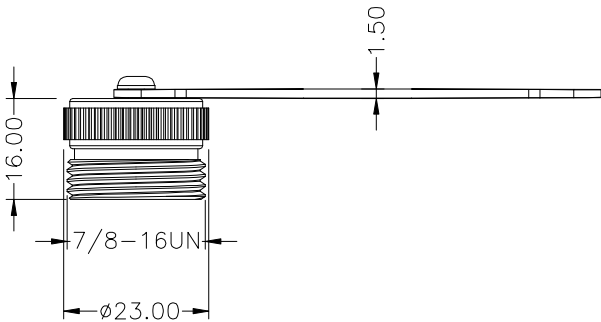
7/8" Circular connectors

Protection cap for female connector

Product figure



Scale diagram



Order Data/订货信息

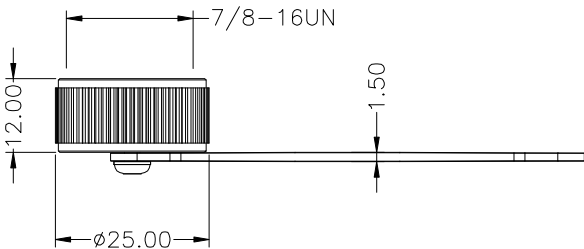
Order No/订货号	P/N/料号
780000-02-001	—

Protection cap for Male connector

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
780000-01-001	—