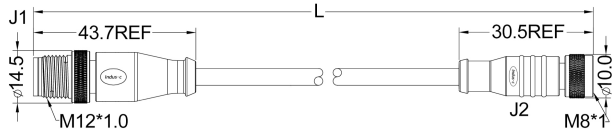


M8 A code female connector with shield to M12 A code male connector with shield/M8,A型母头连接器带屏蔽对M12,A型公头连接器带屏蔽

Scale drawing/尺寸图

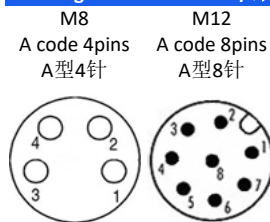
Product photo/产品图



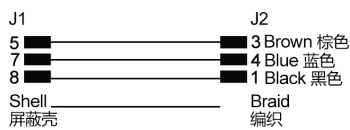
Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)
4pins/4针	A code/A型	812L00016-X

Pin assignment front view/针位分布前视图



Connection diagram/连接图



General data/常规数据

Pin numbers/针数	8pins/8针	4pins/4针
Rated voltage/额定电压	30V	30V
Rated current(40°C)/额定电流	2A	3A
Standards/标准	IEC 61076-2-101	
Termination/焊接方式	Solder and over-mold/焊接和成型	
Connector locking system/锁紧方式	Screw-locking/螺丝锁紧	
Degree of protection/防护等级	IP67	
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.34mm²	
Wire gauge(AWG)/线号(平方数)	26AWG-22AWG	
Mechanical operation/插拔次数	>100 mating cycles/大于100次	
Ambient temperature (operation)/操作温度	-25°C~+85°C	
Contact resistance/接触电阻	≤5mΩ	
Insulation resistance/绝缘电阻	>100MΩ	
Connector body/胶芯	TUP	
Pin/端子	Brass and Phosphorus copper with gold plated/黄铜和磷铜镀金	
Nut and shell/螺母和铜壳	Brass with nickel plated/黄铜镀镍	
Gasket/胶圈	Fluorine ring/氟胶圈	
Black glue/黑色胶水	Epoxy resin/环氧树脂	
Customs tariff number/海关编码	8538900000	
Environmental compliance/环境符合标准	RoHs, Reach	