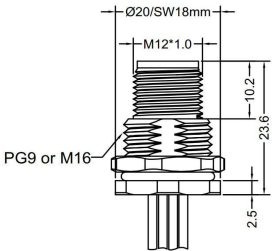


M12 L code male straight front panel mount connector, unshielded, single wires/M12, L型公头直头前锁面板带线, 不带屏蔽

Illustration/尺寸Product photo/产品图

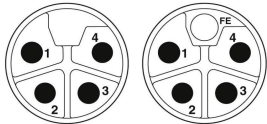


Part number/产品料号

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)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
4pins/4针	L code/L型	12D377	12D381
5pins/5针	L code/L型	12D231	12D235

Pin assignment front view/针位分布前视图

L code 4pins L code 5pins
L型4针 L型5针



General data/常规数据

Pins Numbers/针数	4pins/4针	5pins/5针
Rated voltage/额定电压	630V	
Rated current(40°C)/额定电流	12A	
Standards/标准	IEC 61076-2-101	
Termination/焊接方式	With single wires/带线	
Connector locking system/锁紧方式	Screw/螺锁	
Degree of protection/防护等级	IP67, IP68, IP69K	
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²	
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG	
Mechanical operation/插拔次数	>100 mating cycles/大于100次	
Ambient temperature (operation)/操作温度	-40°C~+85°C	
Contact resistance/接触电阻	≤5mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Connector body/胶芯	TPU	
Pins/端子	Brass with gold plated/黄铜镀金	
Screw/螺丝	Brass with nickel plated/黄铜镀镍	
Gasket/胶圈	Fluorine ring/氟胶圈	
Environmental compliance/环境符合标准	RoHs, Reach	