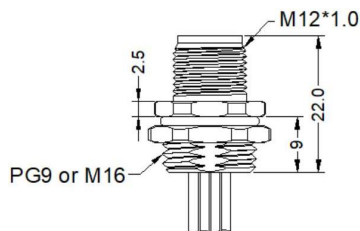


M12 A code male straight rear panel mount connector, unshielded, single wires/M12, A型公头直头后锁面板带线, 不带屏蔽

Scale drawing/尺寸图

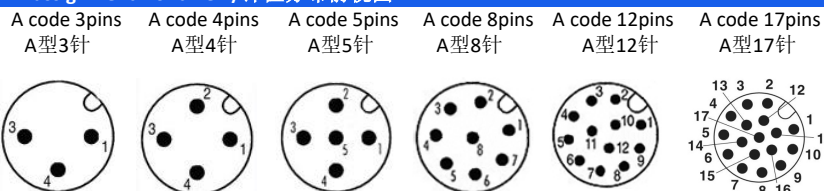
Product photo/产品图



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)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
3pins/3针	A code/A型	12D002-X	12D022-X
4pins/4针	A code/A型	12D006-X	12D026-X
5pins/5针	A code/A型	12D010-X	12D030-X
8pins/8针	A code/A型	12D014-X	12D034-X
12pins/12针	A code/A型	12D018-X	12D038-X
17pins/17针	A code/A型	12D272-X	12D273-X

Pin assignment front view/针位分布前视图



General data/常规数据

Pin Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/标准	IEC 61076-2-101					
Termination/焊接方式	Solder/焊接					
Connector locking system/锁紧方式	Screw/锁紧					
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					
Pin/端子	Brass with gold plated/黄铜镀金					
Nut and shell/螺母和铜壳	Brass with nickel plated/黄铜镀镍					
Gasket/胶圈	Fluorine ring/氟胶圈					
Customs tariff number/海关编码	8538900000					
Environmental compliance/环境符合标准	RoHs, Reach					