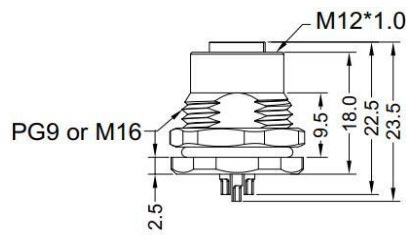


M12 A code female straight front panel mount connector, unshielded, insert/M12, A型母头直头前锁面板焊线式, 不带屏蔽

Scale drawing/尺寸图

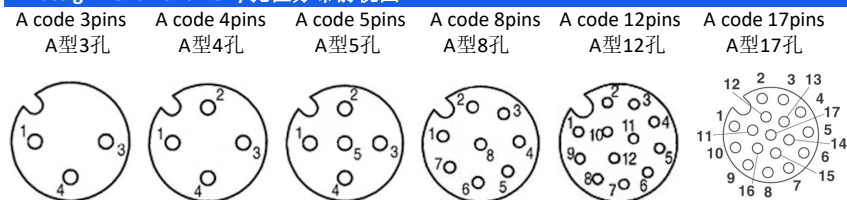
Product photo/产品图



Part number/产品料号

Pins/孔数	Code/型	Part number/产品料号	
		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孔	A code/A型	12H003	12H023
4pins/4孔	A code/A型	12H007	12H027
5pins/5孔	A code/A型	12H011	12H031
8pins/8孔	A code/A型	12H134	12H035
12pins/12孔	A code/A型	12H019	12H039
17pins/17孔	A code/A型	12H097	12H101

Pin assignment front view/孔位分布前视图



General data/常规数据

Pin Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
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 wires/焊线					
Connector locking system/锁紧方式	Screw/锁紧					
Degree of protection/防护等级	IP67, IP68, IP69K					
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	TPU					
Pin/端子	Phosphorus copper with gold plated/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					
Customs tariff number/海关编码	8538900000					
Environmental compliance/环境符合标准	RoHS, Reach					