

技术参数:

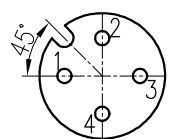
- 产品系列: M12 A-Code
- 插针数: 4、5
- 额定电流(40℃): 4A
- 额定电压: 250V(4-pole)、
125V(5-pole)
- 额定脉冲电压: 2500V(4-pole)、
1500V(5-pole)
- 污染等级: 3
- 接触电阻: $\leq 10\text{m}\Omega$
- 绝缘电阻: $\geq 100\text{M}\Omega$
- 锁紧方式: 螺纹式M12*1
- 连接方式: 焊接, 线规: 最大 0.25mm^2 (AWG24)
- 防护等级: IP67
- 插拔次数: ≥ 100
- 温度范围: $-40^{\circ}\text{C} \dots +85^{\circ}\text{C}$
- 外壳材料: 铸锌镀镍
- 插体材料: PA
- 插针材料: 铜合金
- 插针电镀材料: 金

Technical specification:

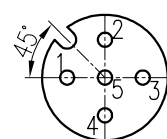
- Series: M12 A-Code
- Number of contacts: 4, 5
- Rated current (40℃): 4A
- Rated voltage: 250V(4-pole),
125V(5-pole)
- Rated impulse voltage: 2500V(4-pole),
1500V(5-pole)
- Pollution degree: 3
- Contact resistance: $\leq 10\text{m}\Omega$
- Insulation resistance: $\geq 100\text{M}\Omega$
- Connector locking system: screw M12*1
- Terminal: solder, wire gauge: max. 0.25mm^2 (AWG24)
- Degree of protection: IP67
- Mating cycles: ≥ 100
- Temperature range: $-40^\circ\text{C} \dots +85^\circ\text{C}$
- Material of housing: Zinc diecasting nickel plated
- Material of insert: PA
- Material of contact: copper alloy
- Contact plating: Au

针位图

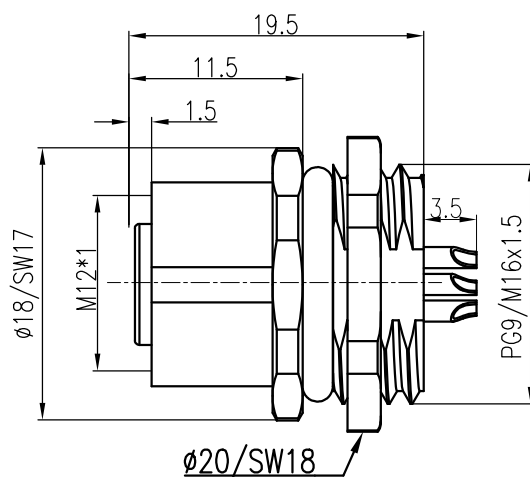
Contact
arrangements



	X	Y
1	-2.50	0.00
2	0.00	2.50
3	2.50	0.00
4	0.00	-2.50



	X	Y
1	-2.50	0.00
2	0.00	2.50
3	2.50	0.00
4	0.00	-2.50
5	0.00	0.00

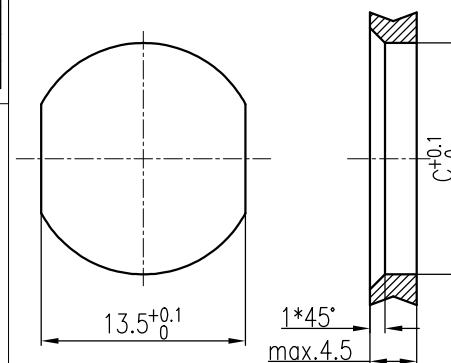


面板安装尺寸

Panel Cut-out

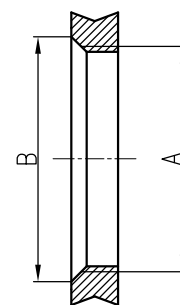
通孔安装

With bore hole



螺纹安装

With thread to screw in



	A	B	C
PG9	PG9	ø16.2	ø15.3
M16x1.5	M16x1.5	ø17.0	ø16.1

插针数 Contacts	产品料号 Cable outlet	型号 Part Code	重量 Weight
4	1630043231001	M12-F04A-BK-PG9-C	10.9 g
	1630043231021	M12-F04A-BK-M16-C	11.2 g
5	1630053231001	M12-F05A-BK-PG9-C	10.9 g
	1630053231021	M12-F05A-BK-M16-C	11.2 g

						表面处理 Finish			—	图号 Drawing No.	—
						材料 Material			—	产品代号 Part Code	M12-FXX-BK-XX-C
标记 Mark	处数 Number	变更描述/Description			签名 Signature	日期 Date				产品料号 Part No.	—
	姓名/Name	日期/Date		姓名/Name	日期/Date	比例 Scale	版本 REV.	重量 Weight	数量 Qty.	产品名称 Part Name	—
绘图 Drawn	YP ZHU	29.02.2024	标准化 Stand.	—	—	2:1	V1.1	—	—		
审核 Checked	Q GAO	29.02.2024									
工艺 Process	—	—	批准 Approved	HQ ZHANG	29.02.2024	 		All Dimensions in mm Original Size DIN A 4		 厦门唯思电气有限公司 XIAMEN WAIN ELECTRICAL CO.LTD	