日期/Date		签发员 Filing Clerk

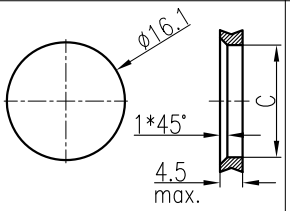
技术参数：
- 产品系列：M12 A-Code
- 插针数：4、5、8
- 额定电流(40℃)：4A(4\5-pole)、2A(8-pole)
- 额定电压：250V(4-pole)、125V(5-pole)、60V(8-pole)
- 额定脉冲电压：2500V(4-pole)、1500V(5-pole)、800V(8-pole)
- 污染等级：3
- 接触电阻：≤10mΩ
- 绝缘电阻：≥100MΩ
- 锁紧方式：螺纹式M12*1
- 连接方式：预接导线0.25mm² (AWG24)
- 防护等级：IP67
- 插拔次数：≥100
- 温度范围：-40℃ ... +85℃
- 外壳材料：铸锌镀镍
- 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、8
- Rated current (40℃): 4A(4\5-pole)、2A(8-pole)
- Rated voltage: 250V(4-pole)、125V(5-pole)、60V(8-pole)
- Rated impulse voltage: 2500V(4-pole)、1500V(5-pole)、800V(8-pole)
- Pollution degree: 3
- Contact resistance: ≤10mΩ
- Insulation resistance: ≥100MΩ
- Connector locking system: screw M12*1
- Terminal: single-strand wires 0.25mm²(AWG24)

- Degree of protection: IP67
- Mating cycles: ≥100
- Temperature range: -40℃ ... +85℃
- Material of housing: Zinc diecasting nickel plated
- Material of insert: PA
- Material of contact: copper alloy
- Contact plating: Au

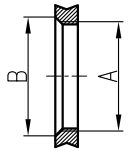
面板安装尺寸
Panel Cut-out

通孔安装
With bore hole



比例/scale 1:1

螺纹安装
With thread to screw in

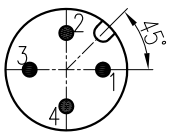


比例/scale 1:1

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

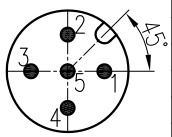
针位图
Contact arrangements

4-Pole



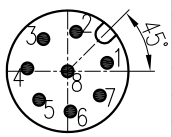
	X	Y
1	2.50	0.00
2	0.00	2.50
3	-2.50	0.00
4	0.00	-2.50

5-Pole



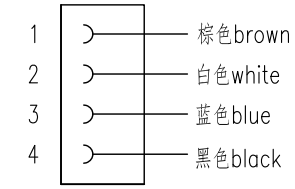
	X	Y
1	2.50	0.00
2	0.00	2.50
3	-2.50	0.00
4	0.00	-2.50
5	0.00	0.00

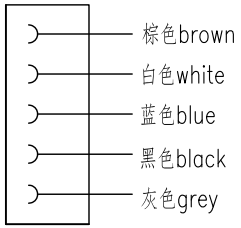
8-Pole

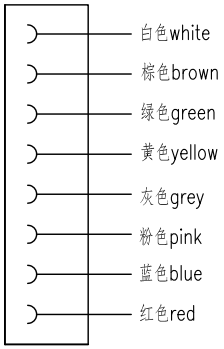


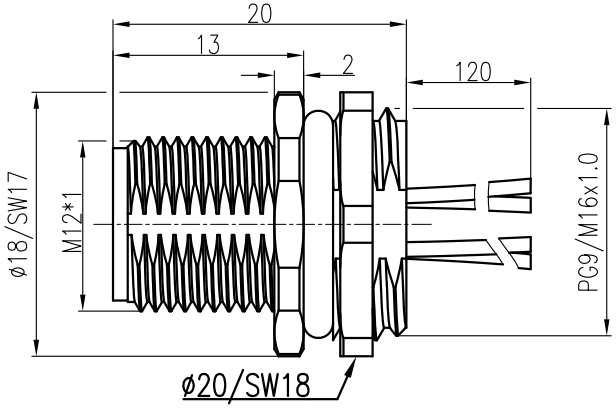
	X	Y
1	2.69	0.57
2	0.57	2.69
3	-1.66	2.20
4	-2.75	0.19
5	-1.94	-1.94
6	0.19	-2.74
7	2.20	-1.65
8	0.00	0.00

接线图
Circuit diagram









带线长度L=0.2m，如需其它长度在型号后+"-1.0"、"-2.0"
Cable length L=0.2m, For other lengths please add "-1.0"、"-2.0"after the type

插针数 Contacts	产品料号 Cable outlet	型号 Part Code	重量 Weight
4	–	M12-M04A-BK-PG9-W0.25	14.1 g
	1630043014505	M12-M04A-BK-M16*1.0-W0.25	14.4 g
5	–	M12-M05A-BK-PG9-W0.25	14.1 g
	1630053014506	M12-M05A-BK-M16*1.0-W0.25	14.4 g
8	–	M12-M08A-BK-PG9-W0.25	17.7 g
	1630083014507	M12-M08A-BK-M16*1.0-W0.25	18.0 g

标记 Mark	处数 Number	变更描述/Description	签名 Signature	日期 Date

	姓名/Name	日期/Date		姓名/Name	日期/Date
绘图 Drawn	YP ZHUANG	25.01.2021	标准化 Stand.	–	–
审核 Checked	ZQ XU	25.01.2021			
工艺 Process	–	–	批准 Approved	HQ ZHANG	25.01.2021

表面处理 Finish	–		
材料 Material	–		
比例 Scale	版本 REV.	重量 Weight	数量 Qty.
2:1	V1.0	–	–

All Dimensions in mm
Original Size DIN A 4

图号 Drawing No.	–
产品代号 Part Code	M12-MXX-BK-XX-W0.25
产品料号 Part No.	–
产品名称 Part Name	–

厦门唯恩电气有限公司
XIAMEN WAIN ELECTRICAL CO.LTD