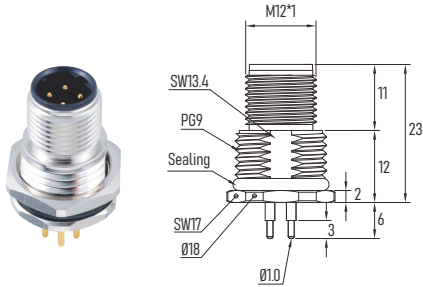
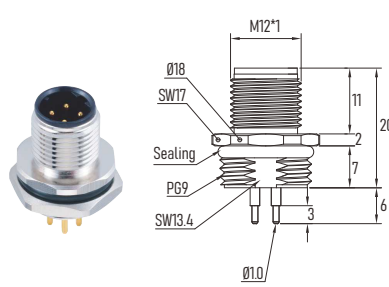


M12 D-Code male panel connector, front/ rear side fastening, PCB Contacts M12 D-型 公头 板端连接器 前锁/ 后锁 PCB焊针型

Front Fastened 前锁

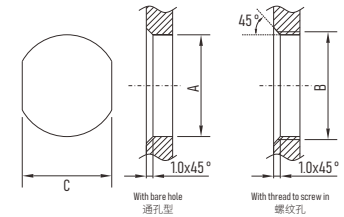


Rear Fastened 后锁



Recommended Panel Cut-out 面板开孔建议

| Chassis side | PG9 | M16 | M20 | 1/2"-14NPT |
|--------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| A | 15.3 ^{+0.1} ₋₀ | 16.1 ^{+0.1} ₋₀ | 20.1 ^{+0.1} ₋₀ | 21.4 ^{+0.1} ₋₀ |
| B | PG9 | M16x1.5 | M20x1.5 | 1/2"-14NPT |
| C | 13.5 ^{+0.1} ₋₀ | 13.6 ^{+0.1} ₋₀ | N/A | N/A |



Connector Technical data 技术参数

| Contacts No. Pin位/芯数 | 4Pin | |
|----------------------------|--|--|
| Front View 正视图 | | |
| Reference Standard 参照标准 | IEC 61076-2-101 | |
| Rated current 额定电流 | 4A | |
| Rated voltage 额定电压 | 250V | |
| Impulse voltage 脉冲高压 | 2500V | |
| Locking system 锁紧方式 | M12 x 1.0 screw / M12 螺丝锁紧 | |
| Tightening Torque 螺丝扭矩 | Recommend/ 建议:0.6Nm, Max/ 最大:1.0Nm | |
| Termination 接线方式 | PCB Dip Soldering / PCB浸焊 | |
| Rated temperature 温度范围 | -25 °C ... +80 °C; - 40 °C ... +105 °C | |
| Insulation resistance 绝缘电阻 | ≥100MΩ | |
| Contact resistance 接触电阻 | ≤5mΩ | |
| Contact carrier 胶芯材料 | PA66 + GF | |
| Screw nut 螺丝材料 | Brass, CNC, Nickel-plated 黄铜 镀镍 机加工 | |
| Contact Pin针端子 | Brass 黄铜 | |
| Contacts plating 端子镀层 | Au (Gold) 镀金 | |
| O-ring 密封圈 | FKM/ Silicon 氟橡胶/硅胶 | |
| Protection degree 防护等级 | IP67, IP68 | |
| Pollution degree 污染等级 | 3 | |

Ordering No. 订购料号

| Poles 芯数 | Panel Front Side Fastening 板前锁 | | | | Panel Rear Side Fastening 板后锁 | | | |
|----------|--------------------------------|--------------|--------------|---------------|-------------------------------|--------------|--------------|---------------|
| | PG9 | M16x1.5 | M20x1.5 | 1/2"-14NPT | PG9 | M16x1.5 | M20x1.5 | 1/2"-14NPT |
| 4 Pin | MC04P1LPDBP9 | MC04P1LPDB16 | MC04P1LPDB20 | MC04P1LPDB14N | MC04P3LPDBP9 | MC04P3LPDB16 | MC04P3LPDB20 | MC04P3LPDB14N |

PCB Layout Reference 孔位分布与钻孔建议

