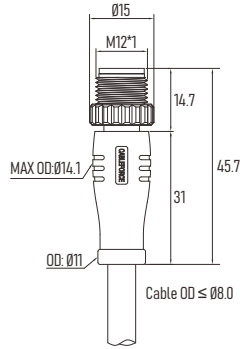
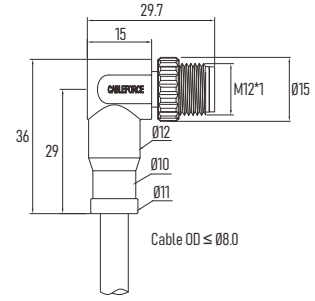


M12 T-Code male connector, molded with 12A power cable, Un-shielded, free end
 M12 T-型 公头 12A电源连接器 预铸电缆 非屏蔽型 尾端不接

180° Straight 直头



90° Right Angled 弯头



Connector Technical data 技术参数

| Contacts No. Pin位/芯数 | T-Coding |
|----------------------------|--|
| Front View 正视图 | |
| Reference Standard 参照标准 | IEC 61076-2-111 |
| Rated current 额定电流 | 12A |
| Rated voltage 额定电压 | 63V DC |
| Impulse voltage 脉冲高压 | 1500V |
| 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: 0.4Nm, Max/ 最大: 0.8Nm |
| Termination 接线方式 | Crimping/ 压接 |
| Wire gauge 适配线规 | 1.5mm ² (AWG 16) |
| Rated temperature 温度范围 | Flexible/ 动态 -25 °C ... +80 °C, Static/ 静态 -40 °C ... +80 °C |
| Insulation resistance 绝缘电阻 | ≥ 100MΩ |
| Contact resistance 接触电阻 | ≤ 5mΩ |
| Over-molding 外模材料 | TPU |
| 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 O-Ring 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 | Cable length 电缆长度 | 180° Straight 直头 | | 90° Right Angled 弯头 | |
|----------|-------------------|-------------------|-------------------|---------------------|-------------------|
| | | PVC (Cable/电缆) | PUR (Cable/电缆) | PVC (Cable/电缆) | PUR (Cable/电缆) |
| 4Pin | 1m | MC04C1LCTB16CK10 | MC04C1LCTB16RK10 | MC04C1RCTB16CK10 | MC04C1RCTB16RK10 |
| | 2m | MC04C1LCTB16CK20 | MC04C1LCTB16RK20 | MC04C1RCTB16CK20 | MC04C1RCTB16RK20 |
| | 3m | MC04C1LCTB16CK30 | MC04C1LCTB16RK30 | MC04C1RCTB16CK30 | MC04C1RCTB16RK30 |
| | 5m | MC04C1LCTB16CK50 | MC04C1LCTB16RK50 | MC04C1RCTB16CK50 | MC04C1RCTB16RK50 |
| | 10m | MC04C1LCTB16CK100 | MC04C1LCTB16RK100 | MC04C1RCTB16CK100 | MC04C1RCTB16RK100 |
| | 15m | MC04C1LCTB16CK150 | MC04C1LCTB16RK150 | MC04C1RCTB16CK150 | MC04C1RCTB16RK150 |

Cable's Color Coding & Wiring 芯线颜色与线序

| Poles & Wire Color / Pin位与接线 | | | |
|------------------------------|------|-----------|-----------|
| Pin 1 第1芯 | BN 棕 | RD 红 | BK1 黑1 |
| Pin 2 第2芯 | WH 白 | BK 黑 | BK2 黑2 |
| Pin 3 第3芯 | BU 蓝 | BU 蓝 | BK3 黑3 |
| Pin 4 第4芯 | BK 黑 | YE/GN 黄/绿 | YE/GN 黄/绿 |