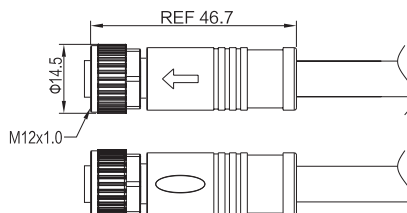
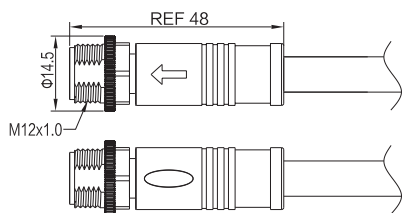


**M12 公/母直头, 注塑成型式, T-coding**  
M12 Male/Female molded cables, Straight, T-coding



技术参数/Technical data

|                             |  |
|-----------------------------|--|
| 适用温度/Ambient temperature    | -40°C ~ +80°C(静态温度/fixed installation);<br>-20°C ~ +80°C(动态温度/flexible installation) |
| 胶芯材料/Connector insert       | TPU+GF   |
| 端子材料/Connector contacts     | 黄铜镀金/Brass with gold plated  |
| 外模材料/Over-molding           | TPU  |
| 螺丝/螺母材料/Connector nut/screw | 锌合金镀镍/Zinc alloy with nickel plated  |
| 密封材料/密封圈/Seal/O-ring        | 氟橡胶/FKM  |
| 绝缘阻抗/Insulation resistance  | ≥100MΩ   |
| 接触阻抗/Contact resistance     | ≤5mΩ   |
| 是否屏蔽/Shielding or not       | 否/Unavailable  |
| 插拔次数/Mating endurance       | >500次/Cycles   |
| 防护等级/IP rating              | IP68 (锁紧状态/in locked condition)  |
| 接口防呆类型/Coding               | T  |



订货信息/Ordering information

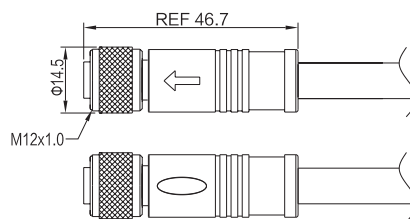
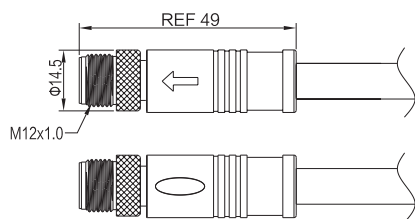
| 芯数/Contacts | 额定电流<br>Rated current | 额定电压/<br>Voltage | 导体规格/Wire gauge |                 | 线材外被<br>Cable jacket | 公头型号/Male model                                | 母头型号/Female model                              |
|-------------|-----------------------|------------------|-----------------|-----------------|----------------------|--|--|
|             |                       |                  | AWG             | mm <sup>2</sup> |                      |  |  |
|             | 12A(40°C)             | AC50V/<br>DC630V | 16              | 1.5             | PVC/PUR              | ZT-VS12-4P-MA-3.0M/BK<br>ZT-US12-4P-MA-3.0M/BK | ZT-VS12-4P-FA-3.0M/BK<br>ZT-US12-4P-FA-3.0M/BK |

**M12 公/母直头, 注塑成型式, 屏蔽, T-coding**  
**M12 Male/Female molded cables, Straight, T-coding, Shielded**



技术参数/Technical data

|                             |  |
|-----------------------------|--|
| 适用温度/Ambient temperature    | -40°C ~ +80°C(静态温度/fixed installation);<br>-20°C ~ +80°C(动态温度/flexible installation) |
| 胶芯材料/Connector insert       | TPU+GF   |
| 端子材料/Connector contacts     | 黄铜镀金/Brass with gold plated  |
| 外模材料/Over-molding           | TPU  |
| 螺丝/螺母材料/Connector nut/screw | 锌合金镀镍/Zinc alloy with nickel plated  |
| 密封材料/密封圈/Seal/O-ring        | 氟橡胶/FKM  |
| 绝缘阻抗/Insulation resistance  | ≥ 100MΩ  |
| 接触阻抗/Contact resistance     | ≤ 5mΩ  |
| 是否屏蔽/Shielding or not       | 否/Unavailable  |
| 插拔次数/Mating endurance       | > 500次/Cycles  |
| 防护等级/IP rating              | IP68 (锁紧状态/in locked condition)  |
| 接口防呆类型/Coding               | T  |



订货信息/Ordering information

| 芯数/Contacts | 额定电流<br>Rated current | 额定电压/<br>Voltage | 导体规格/Wire gauge |                 | 线材外被<br>Cable jacket | 公头型号/Male model                                  | 母头型号/Female model                                |
|-------------|-----------------------|------------------|-----------------|-----------------|----------------------|--|--|
|             |                       |                  | AWG             | mm <sup>2</sup> |                      |  |  |
|             | 12A(40°C)             | AC50V/<br>DC630V | 16              | 1.5             | PVC/PUR              | ZT-VS12S-4P-MA-3.0M/BK<br>ZT-US12S-4P-MA-3.0M/BK | ZT-VS12S-4P-FA-3.0M/BK<br>ZT-US12S-4P-FA-3.0M/BK |