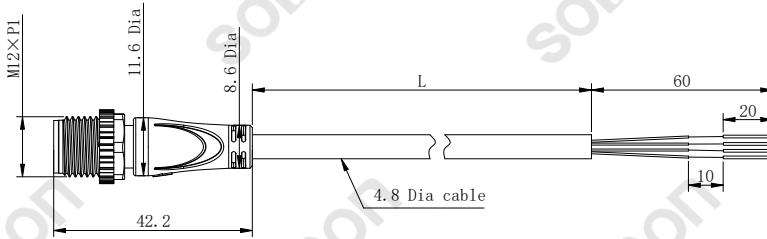




**Dimension**



Note 1: The reserved length at the end of two-core, three-core, four-core, and five-core wires is the same.

Note 2: L is the standard wire length of 2000mm, and different lengths can be customized.

| Model   | Technical parameters                                |   |                                     |  |                                   |
|---|---|---|-------------------------------------|--|-----------------------------------|
| M12-□MUR-□-□  | Model   | M12-4MUR-□-2                                      | M12-4MUR-□-3                        | M12-4MUR-□                               | M12-5MUR-□                        |
|   | Base pin count                                      | 4-core  | 4-core                              | 4-core                                   | 5-core                            |
|   | Interface type                                      | Male straight connector                           |                                     |  |                                   |
| <b>Product Features</b><br><br>•Different pin counts meet various application requirements.<br><br>•0°assembly for reduced space requirement. | Power supply(MAX)                                   | 60V DC  |                                     |  |                                   |
|   | Rated current(MAX)                                  | 1.5A  |                                     |  |                                   |
|   | Clamping torque                                     | Thread: M12×1mm   Torque: 0.6 N·m, (self-locking) |                                     |  |                                   |
|   | Sealing nut   | M12 (SW13)  |                                     |  |                                   |
|   | Nut material  | Zinc alloy, bright nickel plating                 |                                     |  |                                   |
|   | Housing material                                    | TPU   |                                     |  |                                   |
|   | Protection  | Tightening male/female connectors: IP67 (IEC)     |                                     |  |                                   |
|   | Mechanical durability                               | ≥ 100 times                                       |                                     |  |                                   |
|   | Pin Coding  | 1.brown 3.blue                                    | 1.brown 3.blue 4.black              | 1.brown2.white3.blue4.black              | 1.brown2.white3.blue4.black5.gray |
|   | Coding type   | A-coded   |                                     |  |                                   |
| Connection  | General Data  |   |                                     |  |                                   |
| 2-core  | Standard  | IEC 61076-2-101(M12)                              |                                     |  |                                   |
|   | Mounting  | Mounting: Male/female plug-in, locking            |                                     |  |                                   |
|   | Contact pin material                                | Phosphor bronze                                   |                                     |  |                                   |
| 3-core  | Contact plating                                     | Au  |                                     |  |                                   |
|   | Seal material                                       | Hydrogenated Nitrile Butadiene Rubber             |                                     |  |                                   |
|   | Pollution degree                                    | 3   |                                     |  |                                   |
| 4-core  | Temperature range                                   | Operating: -25°C ~ 85°C    Storage: -40°C ~ 85°C  |                                     |  |                                   |
|   | Cable Specifications                                |   |                                     |  |                                   |
|   | Jacket material                                     | TPU   |                                     |  |                                   |
| Jacket diameter   | φ4.8mm ±0.2   |   |                                     |  |                                   |
| Insulated cores   | PVC 2-core (brown blue)                             | PVC 3-core (brown blue black)                     | PVC 4-core (brown white blue black) | PVC 5-core (brown white blue black gray) |                                   |
| Insulation diameter   | φ1.2mm ±0.1   |   |                                     |  |                                   |
| Conductor specification   | 0.2mm <sup>2</sup> (bare copper, stranded 26×0.1mm) |   |                                     |  |                                   |
| Cable length  | 2m  |   |                                     |  |                                   |
| Material compliance   | RoHS compliant                                      |   |                                     |  |                                   |
| 5-core  |   |   |                                     |  |                                   |
|   |   |   |                                     |  |                                   |
|   |   |   |                                     |  |                                   |