



### Model Number

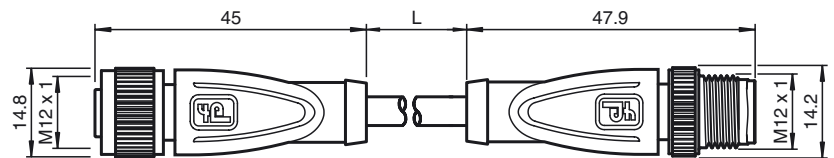
#### V1-G-1,2M-PUR-V1-G

Connection cable, M12 to M12, PUR cable, 4-pin

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free

### Dimensions



### Technical data

#### General specifications

|                     |                |
|---------------------|----------------|
| Number of pins      | 4              |
| Connection 1        | socket         |
| Construction type 1 | straight       |
| Threading 1         | M12            |
| Connection 2        | Male connector |
| Construction type 2 | straight       |
| Threading 2         | M12            |

#### Electrical specifications

|                   |       |                  |
|-------------------|-------|------------------|
| Operating voltage | $U_B$ | max. 250 V AC/DC |
| Operating current |       | max. 4 A         |
| Volume resistance |       | < 5 mΩ           |

#### Ambient conditions

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F)<br>cable, fixed: -40 ... 80 °C (-40 ... 176 °F)<br>cable, flexing: -30 ... 80 °C (-22 ... 176 °F) |
| Pollution Degree    | 3                                                                                                                                      |

#### Mechanical specifications

|                      |                              |
|----------------------|------------------------------|
| Contact elements     | spring-loaded contact socket |
| Pin diameter         | 1 mm                         |
| Degree of protection | IP67 / IP68 / IP69k          |

#### Material

|                        |                               |
|------------------------|-------------------------------|
| Contacts               | CuSn / Au                     |
| Contact surface        | Au                            |
| Body                   | TPU, black                    |
| Cable                  | PUR                           |
| Slotted nut            | Diecast zinc                  |
| Sleeve connector       | Diecast zinc                  |
| Core insulation        | PP                            |
| Cable                  | fine-strand, flexible         |
| Sheath diameter        | Ø 4.8 mm                      |
| Bending radius         | > 10 x cable diameter, moving |
| Color                  | grey                          |
| Cores                  | 4 x 0.34 mm <sup>2</sup>      |
| Conductor construction | 19 x 0.15 mm Ø                |
| Length                 | L 1.2 m                       |
| Flammability           |                               |
| Contact material       | 94 HB                         |
| Housing                | 94 V-2                        |

#### Compliance with standards and directives

|                      |                      |
|----------------------|----------------------|
| Standard conformity  |                      |
| Degree of protection | EN 60529:2000        |
| Standards            | IEC 61076-2-101:2008 |

### Electrical connection

