

### Model Number

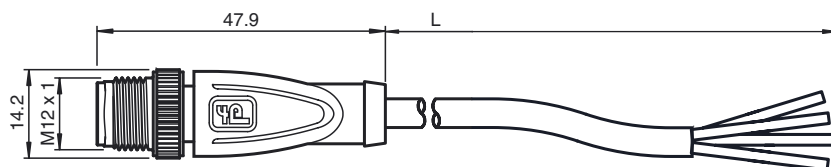
#### V1S-G-2M-PUR

Cable connector, M12, 4-pin, PUR cable

### 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        | Male connector |
| Construction type 1 | straight       |
| Threading 1         | M12            |
| Connection 2        | cable end      |

#### Electrical specifications

|                    |       |                  |
|--------------------|-------|------------------|
| Operating voltage  | $U_B$ | max. 250 V AC/DC |
| Operating current  |       | max. 4 A         |
| Contact resistance |       | < 10 mΩ          |

#### Ambient conditions

|                     |   |
|---------------------|---|
| Ambient temperature | 40 ... 90 °C (104 ... 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                           |     |
| 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                             | 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 |
| Flammability         | Grip: UL 94          |

### Electrical connection

