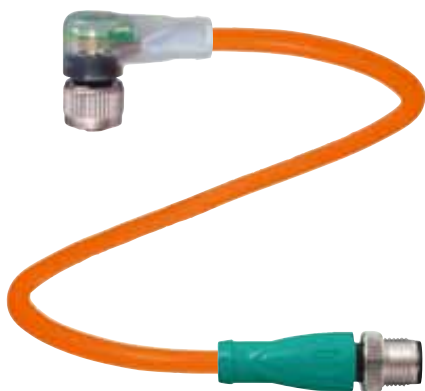




### Model number

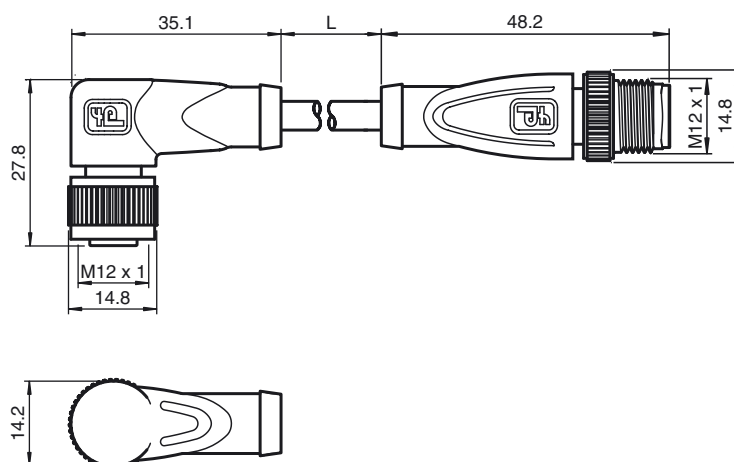
#### V1-W-A2-2M-PUR H/S-V1-G

Connecting cable, M12 with LED, 4-pin,  
PUR cable crosslinked by irradiation

### Features

- Built-in LED, as operating and function indicator
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Protection degree IP67 / IP68 / IP69K
- Flexible sheathing
- Halogen-free
- Suitable for 3- and 4-wire technology

### Dimensions



### Technical data

#### General specifications

|                     |                   |
|---------------------|-------------------|
| Number of poles     | 4                 |
| Connection 1        | Connector, female |
| Construction type 1 | angled            |
| Threading 1         | M12               |
| Connection 2        | Connector, male   |
| Construction type 2 | straight          |
| Threading 2         | M12               |

#### Indicators/operating means

|            |                       |
|------------|-----------------------|
| LED green  | Operating display     |
| LED yellow | Functional display NO |

#### Electrical specifications

|                   |                            |
|-------------------|----------------------------|
| Operating voltage | max. 24 V DC $\pm$ 15%     |
| Test voltage      | > 1500 V <sub>eff</sub> AC |
| Operating current | max. 4 A                   |
| Volume resistance | < 5 m $\Omega$             |

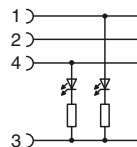
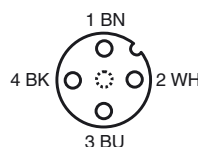
#### Ambient conditions

|                     |                                                                                |
|---------------------|--------------------------------------------------------------------------------|
| Ambient temperature | -20 ... 105 °C (253 ... 378 K) active<br>-50 ... 105 °C (223 ... 378 K) static |
| Degree of soiling   | 3                                                                              |

#### Mechanical specifications

|                              |                              |
|------------------------------|------------------------------|
| Contact elements             | spring-loaded contact socket |
| pin diameter                 | 1 mm                         |
| Protection degree            | IP67 / IP68 / IP69K          |
| Material                     |                              |
| Contacts                     | CuSn / Au                    |
| Contact surface              | Au                           |
| Handle                       | TPU, transparent/green       |
| Cable                        | PUR                          |
| Slotted nut                  | diecast zinc                 |
| (Cap??-translator) connector | diecast zinc                 |
| Core isolation               | TPE                          |
| Cable                        | fine-strand, flexible        |
| Covering (Sheathing)         | irradiated                   |
| Sheath diameter              | Ø4.8 mm                      |
| Bend radius                  | > 40 mm                      |
| Colour                       | orange                       |
| Cores                        | 4 x 0.34 mm <sup>2</sup>     |
| Conductor construction       | 19 x 0.15 mm Ø               |
| Length                       | L 2 m                        |
| Flammability                 |                              |
| Contact material             | 94V-2                        |

#### Electrical connection 1



#### Electrical connection 2

