



### Model Number

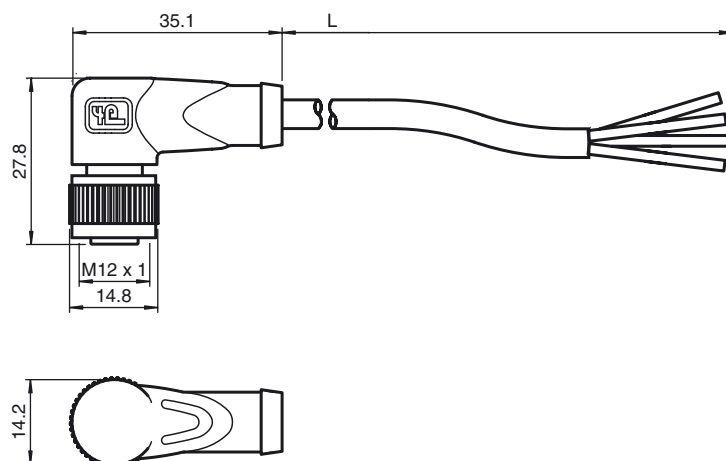
#### V1-W-1M-PUR

Cable socket, M12, 4-pin, PUR cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Protection degree IP67 / IP68 / IP69K
- Halogen-free
- Suitable for 2-, 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        | free cable end    |

#### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 300 V DC              |
| Test voltage      |       | > 1500 V <sub>eff</sub> AC |
| Operating current |       | max. 4 A                   |
| Volume resistance |       | < 5 mΩ                     |

#### Ambient conditions

|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| Ambient temperature | -25 ... 100 °C (248 ... 373 K)<br>for temperatures over 80 °C (353 K) reduced elongation at tear |
| Degree of soiling   | 3                                                                                                |

#### Mechanical specifications

|                           |   |                                                            |
|---------------------------|---|------------------------------------------------------------|
| 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, green                                                 |
| Cable                     |   | PUR                                                        |
| Slotted nut               |   | diecast zinc                                               |
| Core isolation            |   | PP                                                         |
| Cable                     |   | fine-strand, flexible                                      |
| Sheath diameter           |   | Ø4.8 mm                                                    |
| Bend radius               |   | > 10 x conductor diameter, appropriate for conveyor chains |
| Colour                    |   | grey                                                       |
| Cores                     |   | 4 x 0.34 mm <sup>2</sup>                                   |
| Conductor construction    |   | 19 x 0.15 mm Ø                                             |
| Length                    | L | 1 m                                                        |
| Flammability              |   |                                                            |
| Contact material          |   | 94 V-2                                                     |
| Housing                   |   | 94 V-2                                                     |

### Electrical connection 1

