



### Model Number

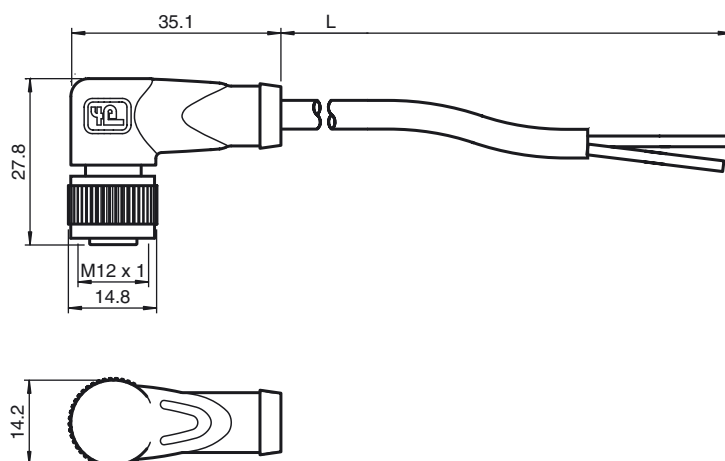
#### V1-W-N-10M-PUR

Cable socket, M12, 2-pin, NAMUR, PUR cable

### Features

- Suitable for NAMUR technology
- Handle and sheathing blue
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Protection degree IP67 / IP68 / IP69K

### Dimensions



### Technical data

#### General specifications

|                     |                   |
|---------------------|-------------------|
| Number of poles     | 2                 |
| 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 |
| Pollution Degree    | 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, blue                                              |
| Cable                  | PUR                                                    |
| Slotted nut            | diecast zinc                                           |
| Core isolation         | PVC                                                    |
| Cable                  | fine-strand, flexible                                  |
| Sheath diameter        | Ø4.8 mm                                                |
| Bend radius            | > 10 x cable diameter, appropriate for conveyor chains |
| Colour                 | blue                                                   |
| Cores                  | 2 x 0.34 mm <sup>2</sup>                               |
| Conductor construction | 19 x 0.15 mm Ø                                         |
| Length                 | L                                                      |
| Flammability           |                                                        |
| Contact material       | 94 V-2                                                 |
| Housing                | 94 V-2                                                 |

### Electrical connection 1

