



### Model Number

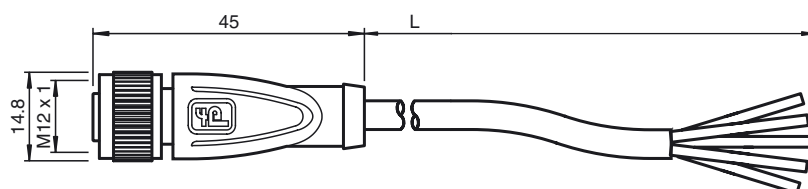
#### V15-G-20M-PUR

Cable socket, M12, 5-pin, PUR cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69K
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology

### Dimensions



### Technical data

#### General specifications

|                     |                  |
|---------------------|------------------|
| Number of pins      | 5                |
| Connection 1        | female connector |
| Construction type 1 | straight         |
| Threading 1         | M12              |
| Connection 2        | cable end        |

#### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 60 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 (-13 ... 212 °F)<br>for temperatures over 80 °C (176 °F) reduced elongation at tear |
| Pollution Degree    | 3                                                                                                  |

#### Mechanical specifications

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| Contact elements       | spring-loaded contact socket                           |
| Pin diameter           | 1 mm                                                   |
| Protection degree      | IP68 according to EN 60529 (in screwed state)          |
| Material               |                                                        |
| Contacts               | CuSn / Au                                              |
| Contact surface        | Au                                                     |
| Body                   | TPU, green                                             |
| Cable                  | PUR                                                    |
| Slotted nut            | Diecast zinc                                           |
| Core insulation        | PP                                                     |
| Cable                  | fine-strand, flexible                                  |
| Sheath diameter        | Ø4.8 mm                                                |
| Bending radius         | > 10 x cable diameter, appropriate for conveyor chains |
| Color                  | grey                                                   |
| Cores                  | 5 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

