



### Model Number

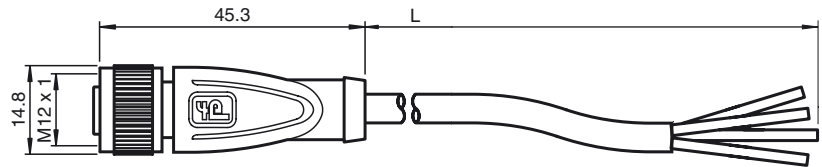
#### V1-G-A2-20M-PUR

Cable socket, M12, LED, 4-pin, PUR cable

### 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
- 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 | straight          |
| Threading 1         | M12               |
| Connection 2        | free cable end    |

#### Indicators/operating means

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

#### Electrical specifications

|                   |                        |
|-------------------|------------------------|
| Operating voltage | max. 24 V DC $\pm$ 15% |
| Operating current | max. 4 A               |
| Volume resistance | < 5 m $\Omega$         |

#### 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

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| 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                                           |
| 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 20 m                                                     |
| Flammability           |                                                            |
| Contact material       | 94 V-2                                                     |
| Housing                | 94 V-2                                                     |

### Electrical connection 1

