



### Model Number

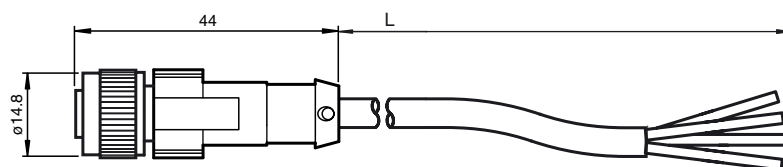
**V1-G-YE10M-PUR**

Cable socket, M12, 4-pin, PUR cable

### Features

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

### Dimensions



### Technical data

#### General specifications

|                     |                  |
|---------------------|------------------|
| Number of pins      | 4                |
| Connection 1        | female connector |
| Construction type 1 | straight         |
| Threading 1         | M12              |
| Connection 2        | cable end        |

#### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 300 V DC              |
| Test voltage      |       | > 1400 V <sub>eff</sub> AC |
| Operating current |       | max. 4 A                   |
| Volume resistance |       | < 5 mΩ                     |

#### Ambient conditions

|                     |                                 |
|---------------------|---------------------------------|
| Ambient temperature | -25 ... 105 °C (-13 ... 221 °F) |
| Pollution Degree    | 3                               |

#### Mechanical specifications

|                           |   |                                 |
|---------------------------|---|---------------------------------|
| Mechanical specifications |   |                                 |
| Pin diameter              |   | 1 mm                            |
| Protection degree         |   | IP68 / IP69K                    |
| Material                  |   |                                 |
| Contacts                  |   | CuSn / Au                       |
| Contact surface           |   | Ni/Au                           |
| Body                      |   | TPU , yellow                    |
| Cable                     |   | PUR                             |
| Slotted nut               |   | Zinc die-casting, nickel-plated |
| Core insulation           |   | polyester                       |
| Cable                     |   | fine-strand, flexible           |
| Sheath diameter           |   | Ø 5.2 mm                        |
| Bending radius            |   | 10 x cable diameter             |
| Color                     |   | yellow                          |
| Cores                     |   | 4 x 0.34 mm <sup>2</sup>        |
| Length                    | L | 10 m                            |
| Flammability              |   |                                 |
| Contact material          |   | 94 V-2                          |
| Housing                   |   | 94 V-2                          |
| Cable                     |   | VW-1 flame rating from UL       |

#### Approvals and certificates

|             |                               |
|-------------|-------------------------------|
| UL approval | cULus Listed, General Purpose |
|-------------|-------------------------------|

### Electrical connection

