



### Model Number

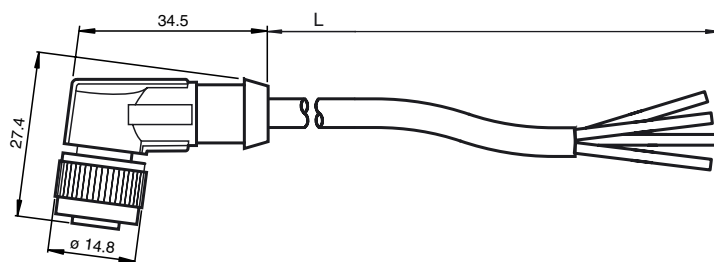
#### V1-W-YE5M-PUR-H/S

Cable socket, M12, 4-pin, PUR cable, crosslinked by irradiation

### 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 | right angle      |
| Threading 1         | M12              |
| Connection 2        | 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                     |

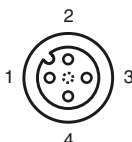
#### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -40 ... 80 °C (-40 ... 176 °F) |
| Pollution Degree    | 3                              |

#### Mechanical specifications

|                        |                              |     |
|------------------------|------------------------------|-----|
| Contact elements       | spring-loaded contact socket |     |
| Pin diameter           | 1 mm                         |     |
| Protection degree      | IP68 / IP69K                 |     |
| Material               |                              |     |
| Contacts               | CuSn / Au                    |     |
| Contact surface        | Au                           |     |
| Body                   | TPU , yellow                 |     |
| Cable                  | irradiated PUR               |     |
| Slotted nut            | Diecast zinc                 |     |
| Core isolation         | polyester                    |     |
| Cable                  | fine-strand, flexible        |     |
| Sheath diameter        | Ø 6.2 mm                     |     |
| Color                  | yellow                       |     |
| Cores                  | 4 x 0.75 mm <sup>2</sup>     |     |
| Conductor construction | 24 x 0.2 mm                  |     |
| Length                 | L                            | 5 m |

### Electrical connection



|   |    |
|---|----|
| 1 | BN |
| 2 | WH |
| 3 | BU |
| 4 | BK |