



## Model Number

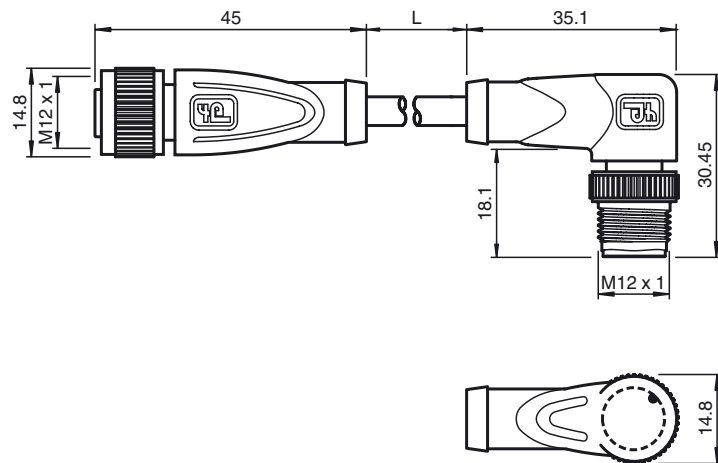
### V1-G-20M-PUR-V1-W

Connection cable, M12 to M12, PUR cable, 4-pin

## Features

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

## Dimensions



## Technical data

### General specifications

|                |         |
|----------------|---------|
| Number of pins | 4       |
| UL File Number | E231213 |

### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 300 V DC              |
| Test voltage      |       | > 1500 V <sub>eff</sub> AC |
| Operating current | $I_B$ | 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                         |
| Degree of protection | IP67 / IP68 / IP69K          |

### Material

|                  |              |
|------------------|--------------|
| Contacts         | CuSn / Au    |
| Contact surface  | Au           |
| Body             | TPU, green   |
| Cable            | PUR          |
| Slotted nut      | Diecast zinc |
| Sleeve connector | Diecast zinc |
| Core insulation  | PP           |

|                        |                               |
|------------------------|-------------------------------|
| Cable                  | fine-strand, flexible         |
| Sheath diameter        | Ø4.8 mm                       |
| Bending radius         | > 10 x cable diameter, moving |
| Color                  | grey                          |
| Cores                  | 4 x 0.34 mm <sup>2</sup>      |
| Conductor construction | 19 x 0.15 mm Ø                |
| Length                 | L 20 m                        |

### Flammability

|                 |        |
|-----------------|--------|
| Contact carrier | 94 V-2 |
| Housing         | 94 V-2 |

## Electrical connection

