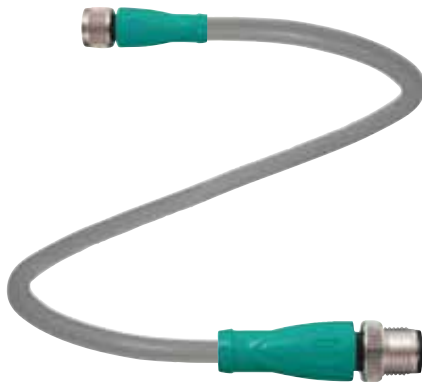
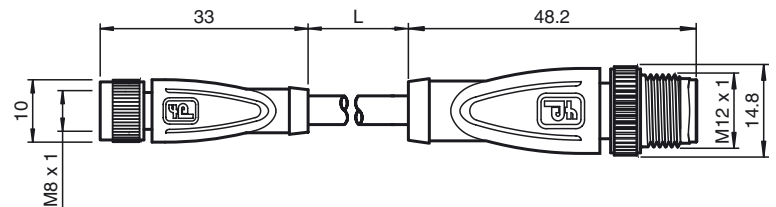




## Dimensions



## Model Number

### V3-GM-0,6M-PUR-V11-G

Connection cable, M8 to M12, PUR cable, 3-pin

## Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Suitable for 2- and 3-wire technology

## Technical data

### General specifications

|                     |                   |
|---------------------|-------------------|
| Number of poles     | 3                 |
| Connection 1        | Connector, female |
| Construction type 1 | straight          |
| Threading 1         | M8                |
| Connection 2        | Connector, male   |
| Construction type 2 | straight          |
| Threading 2         | M12               |

### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 60 V DC               |
| Test voltage      |       | > 1500 V <sub>eff</sub> AC |
| Operating current |       | max. 3 A                   |
| Volume resistance |       | < 5 mΩ                     |

### 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                                                       |
| Material               |                                                            |
| Contacts               | CuSn / Au                                                  |
| Contact surface        | Au                                                         |
| Handle                 | TPU, green                                                 |
| Cable                  | PUR                                                        |
| Slotted nut            | diecast zinc                                               |
| Sleeve connector       | 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                  | 3 x 0.34 mm <sup>2</sup>                                   |
| Conductor construction | 19 x 0.15 mm Ø                                             |
| Length                 | L 0.6 m                                                    |
| Flammability           |                                                            |
| Contact material       | 94 V-2                                                     |
| Housing                | 94 V-2                                                     |

## Electrical connection 1



## Electrical connection 2

