



### Model Number

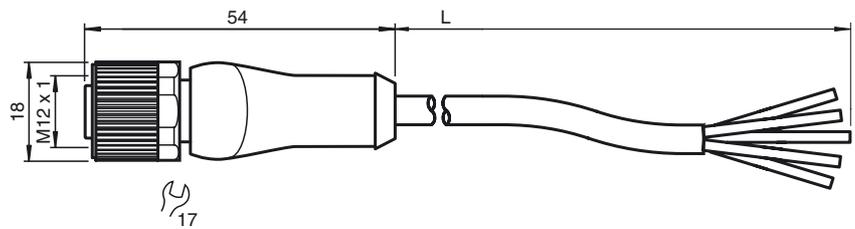
#### V15L-G-5M-PUR-U

Single-ended female cordset, M12, L-coded, 5-pin, PUR cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Degree of protection IP65 / IP67

### Dimensions



### Technical data

#### General specifications

|                     |           |
|---------------------|-----------|
| Number of pins      | 5         |
| Connection 1        | socket    |
| Construction type 1 | straight  |
| Threading 1         | M12       |
| Connection 2        | cable end |

#### Electrical specifications

|                   |       |                        |
|-------------------|-------|------------------------|
| Operating voltage | $U_B$ | max. 48 V AC / 60 V DC |
| Operating current | $I_B$ | max. 16 A Per contact  |
| Volume resistance |       | < 5 m $\Omega$         |

#### Ambient conditions

|                     |  |
|---------------------|--|
| Ambient temperature | Body: -25 ... 85 °C (-13 ... 185 °F)<br>cable, fixed: -30 ... 70 °C (-22 ... 158 °F)<br>cable, flexing: -5 ... 70 °C (23 ... 158 °F) |
| Pollution degree    | 3  |

#### Mechanical specifications

|                      |  |
|----------------------|--|
| Contact elements     | spring-loaded contact socket                                   |
| Degree of protection | IP65/IP67  |
| Material             |  |
| Contacts             | CuSn / Au  |
| Contact surface      | Au   |
| Body                 | black PUR  |
| Cable                | PUR  |
| Slotted nut          | Zinc die-casting, nickel-plated                                |
| Core insulation      | PVC  |
| Cable                | extra-fine wire, flexible                                      |
| Sheath diameter      | $\varnothing$ 8.7 mm $\pm$ 5 %                                 |
| Bending radius       | > 10 x cable diameter, moving<br>> 7.5 x cable diameter, fixed |
| Color                | grey   |
| Cores                | 16 AWG   |
| Number of cores      | 5  |
| Core cross-section   | 1.5 mm <sup>2</sup>  |
| Length               | L 5 m  |

#### Compliance with standards and directives

|                     |                                     |
|---------------------|-------------------------------------|
| Standard conformity |                                     |
| Specification       | connector M12 x 1 : IEC 61076-2-101 |

### Electrical connection

