



### Model Number

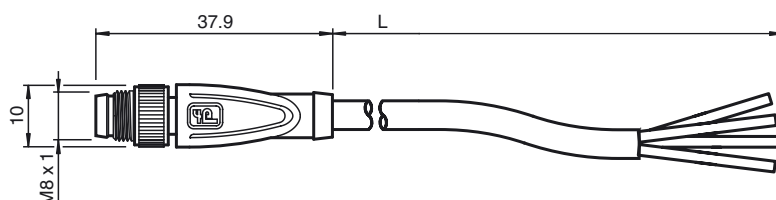
**V31S-GM-5M-PUR**

Male cordset, M8, 4-pole, PUR cable

### Features

- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Resistant to microbes and hydrolysis
- Halogen-free

### Dimensions



### Technical data

#### General specifications

|                     |                |
|---------------------|----------------|
| Number of pins      | 4              |
| Connection 1        | Male connector |
| Construction type 1 | straight       |
| Threading 1         | M8             |
| Connection 2        | cable end      |

#### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 30 V AC/DC            |
| Test voltage      |       | > 1500 V <sub>eff</sub> AC |
| Operating current |       | max. 3 A                   |
| Volume resistance |       | < 5 mΩ                     |

#### Ambient conditions

|                     |   |
|---------------------|---|
| Ambient temperature | -40 ... 90 °C (-40 ... 194 °F)<br>cable, fixed: -40 ... 80 °C (-40 ... 176 °F)<br>cable, flexing: -20 ... 80 °C (-4 ... 176 °F) |
| Pollution Degree    | 3   |

#### Mechanical specifications

|                        |   |
|------------------------|---|
| Contact elements       | spring-loaded contact socket                                  |
| Pin diameter           | 1 mm  |
| Protection degree      | IP67  |
| Material               |   |
| Contacts               | CuSn / Au   |
| Contact surface        | Au  |
| Body                   | TPU, black  |
| Cable                  | PUR   |
| Sleeve connector       | Diecast zinc  |
| Core insulation        | PP  |
| Cable                  | fine-strand, flexible   |
| Sheath diameter        | Ø 4.3 mm  |
| Bending radius         | > 15 x cable diameter, induced<br>> 8 x cable diameter, fixed |
| Color                  | grey  |
| Cores                  | 4 x 0.25 mm <sup>2</sup>                                      |
| Conductor construction | 14 x 0.15 mm Ø  |
| Length                 | L 5 m   |
| Flammability           |   |
| Contact material       | 94 HB   |
| Housing                | 94 V-2  |

### Electrical connection

