



### Model Number

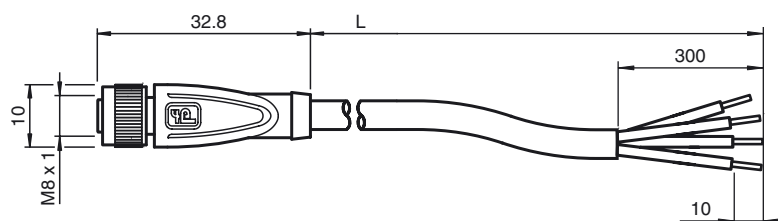
**V31-GM-6,3M-PVC-Y293011**

Female cordset, M8, 4-pin, PVC cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts

### Dimensions



### Technical data

#### General specifications

|                |   |
|----------------|---|
| Number of pins | 4 |
|----------------|---|

#### Electrical specifications

|                   |       |                 |
|-------------------|-------|-----------------|
| Operating voltage | $U_B$ | max. 30 V AC/DC |
| Operating current | $I_B$ | max. 3 A        |
| Volume resistance |       | < 5 m $\Omega$  |

#### Ambient conditions

|                     |  |
|---------------------|--|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F)<br>cable, fixed: -25 ... 70 °C (-13 ... 158 °F)<br>cable, flexing: -5 ... 70 °C (23 ... 158 °F) |
| Pollution degree    | 3  |

#### Mechanical specifications

|                      |                              |
|----------------------|------------------------------|
| Contact elements     | spring-loaded contact socket |
| Pin diameter         | 1 mm                         |
| Degree of protection | IP67                         |

#### Material

|                 |              |
|-----------------|--------------|
| Contacts        | CuSn / Au    |
| Contact surface | Au           |
| Body            | TPU, black   |
| Cable           | PVC          |
| Slotted nut     | Diecast zinc |
| Core insulation | PVC          |

Cable fine-strand, flexible

|                 |   |
|-----------------|---|
| Sheath diameter | $\varnothing$ 4.3 mm  |
| Bending radius  | > 15 x cable diameter, moving<br>> 10 x cable diameter, fixed |

|                        |                            |
|------------------------|----------------------------|
| Color                  | grey                       |
| Number of cores        | 4                          |
| Core cross-section     | 0.25 mm <sup>2</sup>       |
| Conductor construction | 14 x 0.15 mm $\varnothing$ |
| Length                 | L 6.3 m                    |

#### Flammability

|                 |     |
|-----------------|-----|
| Contact carrier | HB  |
| Housing         | V-2 |

#### Compliance with standards and directives

|                      |                      |
|----------------------|----------------------|
| Standard conformity  |                      |
| Degree of protection | EN 60529:2000        |
| Standards            | IEC 61076-2-104:2008 |
| Flammability         | Grip: UL 94          |

### Electrical connection

