



### Model number

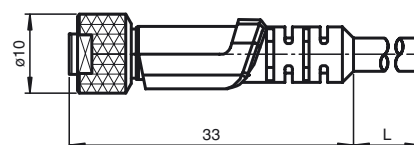
#### V3-GM-10M-PUR

Cable connector in M8-housing with metal slotted nut

### Features

- Immunity to vibration due to the O-ring which is integrated in the slotted nut

### Dimensions



### Technical data

#### General specifications

|                   |                  |
|-------------------|------------------|
| Number of poles   | 3                |
| Construction type | Socket, straight |

#### Electrical specifications

|                   |              |
|-------------------|--------------|
| Operating voltage | max. 60 V DC |
| Operating current | max. 4 A     |
| Volume resistance | < 5 mΩ       |

#### Ambient conditions

|                     |  |
|---------------------|--|
| Ambient temperature | -5 ... 70 °C (268 ... 343 K) active<br>-30 ... 105 °C (243 ... 378 K) inactive<br>For temperature more than 80 °C (353 K) reduced mechanical values have to be observed. |
| Degree of soiling   | 3  |

#### Mechanical specifications

|                   |  |
|-------------------|--|
| Contact elements  | spring-loaded contact socket                               |
| pin diameter      | 1 mm   |
| Protection degree | IP68 according to EN 60529 (in screwed state)              |
| Material          |  |
| Contacts          | CuSn / Au  |
| Contact surface   | Au   |
| Handle            | PUR, green   |
| Cable             | PUR  |
| Slotted nut       | CuSn / Ni  |
| Seal              | NBR  |
| Core isolation    | PVC  |
| Cable             | fine-strand, flexible                                      |
| Sheath diameter   | Ø4.6 mm  |
| Bend radius       | > 10 x conductor diameter, appropriate for conveyor chains |
| Colour            | black  |
| Cores             | 3 x 0.25 mm <sup>2</sup>                                   |
| Length            | L 10 m   |
| Flammability      |  |
| Contact material  | 94V-2  |
| Housing           | 94V-2  |
| Wire              | flame resistant according to VDE 0472 part 804             |

### Electrical connection

