



### Model Number

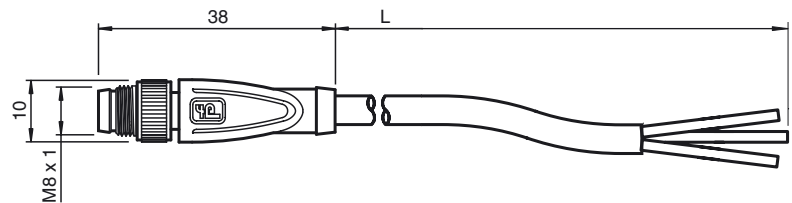
**V3S-GM-0,25M-PVC**

Cable connector, M8, 3-pin, PUR cable

### Features

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

### Dimensions



### Technical data

#### General specifications

|                     |                 |
|---------------------|-----------------|
| Number of poles     | 3               |
| Connection 1        | Connector, male |
| Construction type 1 | straight        |
| Threading 1         | M8              |
| Connection 2        | free cable end  |

#### Electrical specifications

|                   |                            |
|-------------------|----------------------------|
| Operating voltage | max. 60 V DC               |
| Test voltage      | > 1500 V <sub>eff</sub> AC |
| Operating current | max. 4 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                        | PVC                                                        |
| (Cap??-translator) connector | diecast zinc                                               |
| Core isolation               | PVC                                                        |
| 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 0.25 m                                                   |
| Flammability                 |                                                            |
| Contact material             | 94V-2                                                      |
| Housing                      | 94V-2                                                      |

### Electrical connection 1

