



### Model Number

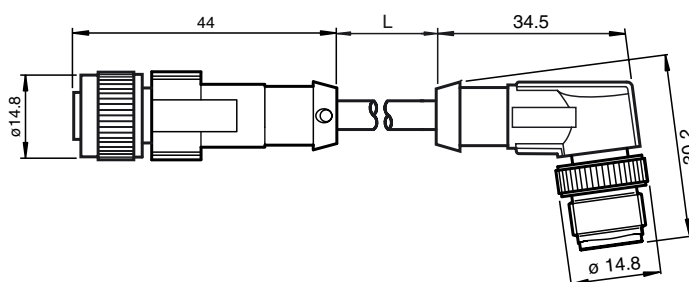
#### V1-G-YE1M-PVC-V1-W

Connecting cable, M12 to M12, PVC cable 4-pin

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP68/IP69K
- Suitable for 2-, 3- and 4-wire technology

### Dimensions



### Technical data

#### General specifications

|                     |                  |
|---------------------|------------------|
| Number of pins      | 4                |
| Connection 1        | female connector |
| Construction type 1 | straight         |
| Threading 1         | M12              |
| Connection 2        | Male connector   |
| Construction type 2 | right angle      |
| Threading 2         | M12              |

#### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 300 V DC              |
| Test voltage      |       | > 1500 V <sub>eff</sub> AC |
| Operating current |       | max. 4 A                   |
| Volume resistance |       | < 5 m $\Omega$             |

#### Ambient conditions

|                     |  |
|---------------------|--|
| Ambient temperature | -25 ... 100 °C (-13 ... 212 °F)<br>for temperatures over 80 °C (176 °F) reduced elongation at tear |
| Pollution Degree    | 3  |

#### Mechanical specifications

|                        |  |
|------------------------|--|
| Contact elements       | spring-loaded contact socket                           |
| Pin diameter           | 1 mm   |
| Protection degree      | IP68 / IP69K   |
| Material               |  |
| Contacts               | CuSn / Au  |
| Contact surface        | Au   |
| Body                   | TPU , yellow   |
| Cable                  | PVC  |
| Slotted nut            | Diecast zinc   |
| Sleeve connector       | Diecast zinc   |
| Core isolation         | PVC  |
| Cable                  | fine-strand, flexible                                  |
| Sheath diameter        | Ø 5.5 mm   |
| Bending radius         | > 10 x cable diameter, appropriate for conveyor chains |
| Color                  | yellow   |
| Cores                  | 4 x 0.34 mm <sup>2</sup>                               |
| Conductor construction | 42 x 0.1 mm  |
| Length                 | L 1 m  |

### Electrical connection

