



Model Number

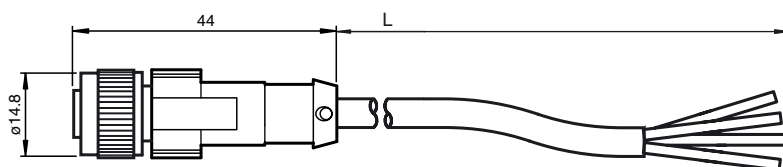
V1-G-YE5M-PVC

Cable socket, M12, 4-pin, PVC cable

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 | cable end |

Electrical specifications

| | | |
|-------------------|-------|----------------------------|
| Operating voltage | U_B | max. 300 V DC |
| Test voltage | | > 1500 V _{eff} AC |
| Operating current | | max. 4 A |
| Volume resistance | | < 5 m Ω |

Ambient conditions

| | |
|---------------------|----------------------------------------------------------------------------------------------------|
| Ambient temperature | -25 ... 100 °C (-13 ... 212 °F) 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 |
| Core isolation | PVC |
| Cable | fine-strand, flexible |
| Sheath diameter | \varnothing 5.5 mm |
| Bending radius | > 10 x cable diameter, appropriate for conveyor chains |
| Color | yellow |
| Cores | 4 x 0.34 mm ² |
| Conductor construction | 42 x 0.1 mm |
| Length | L 5 m |

Electrical connection

