



Model Number

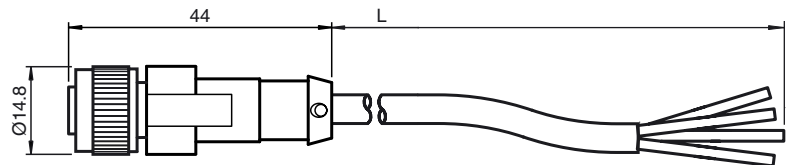
V1-G-BK2M-PUR-UL

Cable socket, M12, 4-pin, PUR cable

Features

- cULus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Halogen-free

Dimensions



Technical data

General specifications

| | |
|---------------------|------------------|
| Number of pins | 4 |
| Connection 1 | female connector |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | cable end |
| UL File Number | E300203 |

Electrical specifications

| | | |
|-------------------|-------|----------------------------|
| Operating voltage | U_B | max. 250 V DC |
| Test voltage | | > 1500 V _{eff} AC |
| Operating current | | max. 4 A |
| Volume resistance | | < 5 mΩ |

Ambient conditions

| | |
|---------------------|---|
| Ambient temperature | -25 ... 90 °C (-13 ... 194 °F) cable, flexing: -5 ... 80 °C (23 ... 176 °F), cable, fixed: -40 ... 80 °C (-40 ... 176 °F) |
| Pollution Degree | 3 |

Mechanical specifications

| | |
|------------------------|--|
| Pin diameter | 1 mm |
| Protection degree | IP65 / IP68 / IP69K |
| Material | |
| Contacts | CuSn |
| Contact surface | Ni/Au |
| Body | TPU, black |
| Cable | PUR |
| Slotted nut | Zinc die-casting, nickel-plated |
| Seal | NBR |
| Core insulation | PP |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø 4.7 mm |
| Bending radius | > 10 x cable diameter, appropriate for conveyor chains |
| Color | dark grey (RAL 7021) |
| Cores | 4 x 0.34 mm ² |
| Conductor construction | 42 x 0.1 mm Ø |
| Length | L 2 m |
| Flammability | |
| Housing | 94 HB |

Electrical connection

