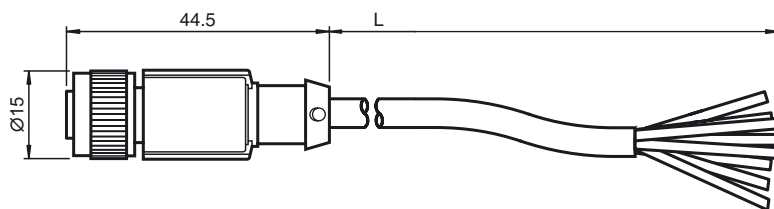




Dimensions



Model Number

V19-G-BK2M-PUR-IEC

Female cordset, M12, 8-pin, PUR-cable

Features

- Color code according to IEC 60947-5-2
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Suitable for drag chains
- Resistant to microbes and hydrolysis
- Halogen-free

Technical data

General specifications

| | |
|----------------|---|
| Number of pins | 8 |
|----------------|---|

Electrical specifications

| | | |
|-------------------|-------|----------------------------|
| Operating voltage | U_B | max. 30 V DC |
| Test voltage | | > 1500 V _{eff} AC |
| Operating current | I_B | max. 2 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

| | |
|------------------------|-----------------------------------|
| Degree of protection | IP65 / IP68 / IP69K |
| Material | |
| Contacts | CuZn |
| Contact surface | Ni/Au |
| Body | TPU, black |
| Cable | PUR |
| Slotted nut | Zinc die-casting, nickel-plated |
| Seal | NBR |
| Core insulation | PP |
| Cable | extra-fine wire, flexible |
| Sheath diameter | Ø 5.9 mm |
| Bending radius | > 50 mm |
| Color | dark grey (RAL 7021) |
| Cores | 8 x 0.25 mm ² , 24 AWG |
| Conductor construction | 32 x 0.1 mm Ø |
| Length | L 2 m |

Electrical connection

