



Model Number

V11-W-20M-PVC

Female cordset, M12

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K

Technical data

General specifications

| | |
|---------------------|-------------|
| Number of pins | 3 |
| Connection 1 | socket |
| Construction type 1 | right angle |
| Threading 1 | M12 |
| Connection 2 | cable end |

Electrical specifications

| | | |
|--------------------|----------------|------------------|
| Operating voltage | U _B | max. 250 V AC/DC |
| Operating current | | max. 4 A |
| Contact resistance | | < 10 mΩ |

Ambient conditions

| | | |
|---------------------|--|---|
| Ambient temperature | | -25 ... 100 °C (-13 ... 212 °F) For temperatures over 80 °C (176 °F) reduced elongation at rupture |
| Pollution Degree | | 3 |

Mechanical specifications

| | | |
|----------------------|--|------------------------------|
| Contact elements | | spring-loaded contact socket |
| Pin diameter | | 1 mm |
| Degree of protection | | IP67 / IP68 / IP69k |

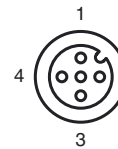
Material

| | | |
|------------------------|---|-------------------------------|
| Contacts | | CuSn / Au |
| Contact surface | | Au |
| Body | | TPU, black |
| Cable | | PVC |
| Slotted nut | | Diecast zinc |
| Core insulation | | PVC |
| Cable | | fine-strand, flexible |
| Sheath diameter | | Ø 4.8 mm |
| Bending radius | | > 10 x cable diameter, moving |
| Color | | grey |
| Cores | | 3 x 0.34 mm ² |
| Conductor construction | | 19 x 0.15 mm Ø |
| Length | L | 20 m |
| Flammability | | |
| Contact material | | 94 HB |
| Housing | | 94 V-2 |

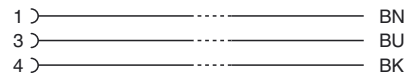
Compliance with standards and directives

| | | |
|----------------------|--|----------------------|
| Standard conformity | | |
| Degree of protection | | EN 60529:2000 |
| Standards | | IEC 61076-2-101:2008 |
| Flammability | | Grip: UL 94 |

Electrical connection



Electrical connection



Release date: 2014-07-08 09:17 Date of issue: 2014-07-08 239999-0022_eng.xml