



Model Number

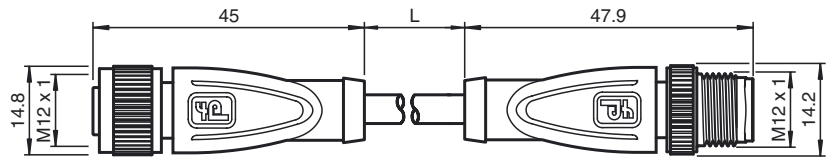
V19-G-BK5M-PUR-U-V19-G

Connection cable, M12 to M12, PUR cable 8-pin

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free
- Degree of protection IP67 / IP68 / IP69K

Dimensions



Technical data

General specifications

| | |
|----------------|---------|
| Number of pins | 8 |
| UL File Number | E231213 |

Electrical specifications

| | | |
|-------------------|----------------|-----------------|
| Operating voltage | U _B | max. 30 V AC/DC |
| Operating current | I _B | max. 2 A |

Ambient conditions

| | |
|---------------------|---|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) |
| 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 | PUR |
| Slotted nut | Diecast zinc |
| Core insulation | PP |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø 6 mm |
| Bending radius | > 10 x cable diameter, moving > 8 x cable diameter, fixed |

| | |
|------------------------|--------------------------|
| Color | black |
| Cores | 8 x 0.25 mm ² |
| Conductor construction | 14 x 0.15 mm Ø |
| Length | L 5 m |

Flammability

| | |
|------------------|-----|
| Contact material | HB |
| Housing | V-2 |
| Cable | FT2 |

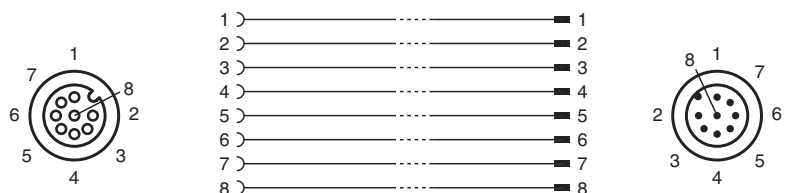
Compliance with standards and directives

| | |
|----------------------|--|
| Standard conformity | |
| Degree of protection | EN 60529:2000 |
| Standards | IEC 61076-2-101:2008 |
| Flammability | Grip: UL 94 Cable: UL 1581 Section 1100; IEC 60332-1-2:2004 |
| Halogen-free | IEC 60754-1:1994 |

Approvals and certificates

| | |
|-------------|-------------------------------|
| UL approval | UL Recognized General purpose |
|-------------|-------------------------------|

Electrical connection



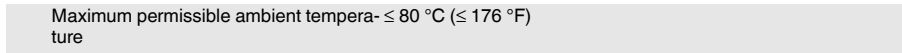
Release date: 2015-02-13 08:38 Date of issue: 2015-02-13 240775-0046_eng.xml

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".



Maximum permissible operating voltage ≤ 30 V

Maximum permissible ambient temperature ≤ 80 °C (≤ 176 °F)



Release date: 2015-02-13 08:38 Date of issue: 2015-02-13 240775-0046_eng.xml