



Model Number

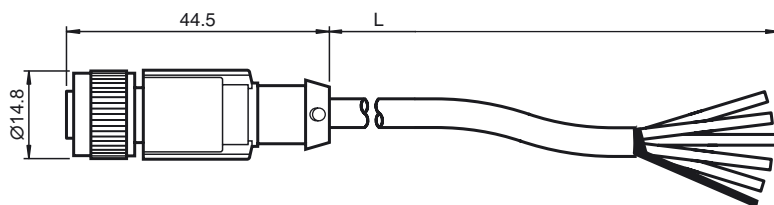
V15-G-BK5M-PUR-U/ABG

Female cordset, M12, 5-pin, shielded, PUR cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Halogen-free
- Suitable for drag chains
- Resistant to microbes and hydrolysis

Dimensions



Technical data

General specifications

| | |
|---------------------|-----------|
| Number of pins | 5 |
| Connection 1 | socket |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | cable end |

Electrical specifications

| | | |
|-------------------|-------|------------------------|
| Operating voltage | U_B | max. 48 V AC / 60 V DC |
| Operating current | I_B | max. 4 A |
| Volume resistance | | < 5 m Ω |

Ambient conditions

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

Mechanical specifications

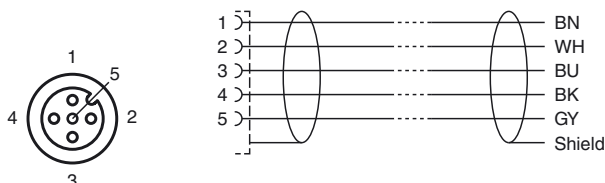
| | | |
|------------------------|--|-----|
| Degree of protection | IP65 / IP67 / IP69K | |
| Material | | |
| Contacts | CuSn | |
| Contact surface | Ni/Au | |
| Body | TPU | |
| Cable | PUR | |
| Slotted nut | Zinc die-casting, nickel-plated | |
| Seal | NBR | |
| Core insulation | PP | |
| Cable | | |
| Sheath diameter | \varnothing 5.9 mm | |
| Bending radius | > 10 x cable diameter, moving > 5 x cable diameter, fixed | |
| Color | black | |
| Cores | 5 x 0.34 mm ² ; 22 AWG | |
| Conductor construction | 42 x 0.1 mm \varnothing | |
| Shield | grid Tin-plated copper wires, 85% coverage | |
| Length | L | 5 m |
| Flammability | | |
| Cable | FT2 | |
| Mating cycles | 100 | |

Compliance with standards and directives

| | |
|---------------------|-------------------------------------|
| Standard conformity | |
| Halogen-free | IEC 60754-1:1994 |
| Specification | connector M12 x 1 : IEC 61076-2-101 |

Approvals and certificates

Electrical connection





UL approval

cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

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

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