



Model Number

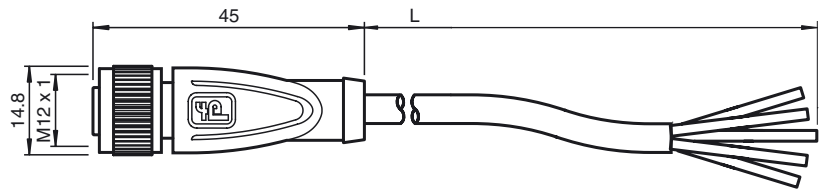
V15-G-BK2M-PUR-U/0,75

Female cordset, M12, 5-pin, PUR cable

Features

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

Dimensions



Technical data

General specifications

| | |
|---------------------|-----------|
| Number of pins | 5 |
| Connection 1 | socket |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | cable end |
| UL File Number | E231213 |

Electrical specifications

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

Ambient conditions

| | |
|---------------------|---|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F) |
|---------------------|---|

Mechanical specifications

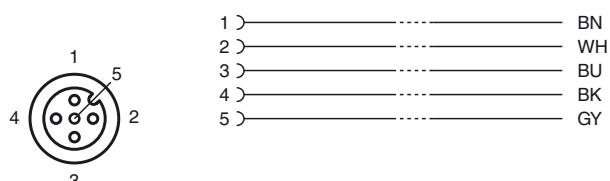
| | |
|------------------------|---|
| Contact elements | spring-loaded contact socket |
| Pin diameter | 1 mm |
| Degree of protection | IP67 / IP68 / IP69k |
| Material | |
| Contacts | CuSn / Au |
| Contact surface | Au |
| Body | TPU, black |
| Cable | PUR |
| Slotted nut | Diecast zinc |
| Core insulation | PP |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø 6 mm |
| Bending radius | > 10 x cable diameter, appropriate for conveyor chains > 5 x cable diameter, fixed |
| Color | black |
| Cores | 5 x 0.75 mm ² |
| Conductor construction | 42 x 0.15 mm Ø |
| Length | L 2 m |
| Flammability | |
| Contact material | HB |
| Housing | 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 |

Approvals and certificates

Electrical connection





UL approval

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

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