



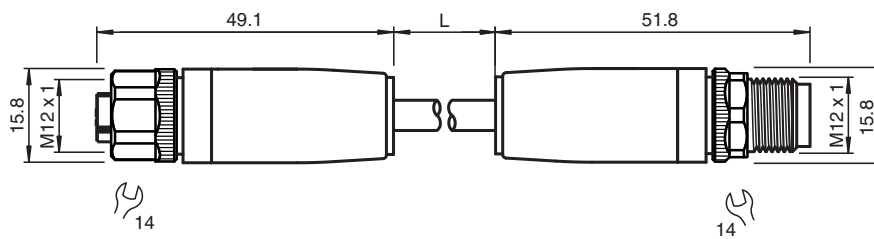
Connection cable V15L-G-0,6M-PUR-U7-V15L-G

- Degree of protection IP65 / IP67 / IP69
- Free of paint wetting interfering substances
- UL listed for USA and Canada
- Halogen-free
- 600 V AC rated insulation voltage
- Screw connection suitable for tool assembly

Cordset M12 socket straight to M12 plug straight L-coded, 5-pin, PUR cable grey, UL approved, drag chain suitable, torsion resistant



Dimensions



Technical Data

General specifications

| | | |
|----------------------------------|-------|-------------------------------------|
| Connector 1 | | |
| Connection | | socket |
| Construction type | | M12 |
| Style | | straight |
| Locking | | screw connection |
| Number of pins | | 5 |
| Coding | | L-coded |
| Connector 2 | | |
| Connection | | plug |
| Construction type | | M12 |
| Style | | straight |
| Locking | | screw connection |
| Number of pins | | 5 |
| Coding | | L-coded |
| Electrical specifications | | |
| Operating voltage | U_B | max. 48 V AC / 63 V DC |
| Operating current | I_B | max. 16 A |
| Rated insulation voltage | | 600 V AC |
| Conformity | | |
| Degree of protection | | EN 60529 |
| Plug connection | | connector M12 x 1 : IEC 61076-2-111 |
| Flammability | | IEC 60332-2-2 |

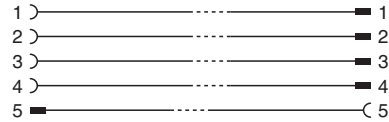
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Technical Data

| | | |
|-----------------------------------|---|--|
| Halogen-free | | DIN VDE 0472-815 |
| Oil resistance | | DIN EN 60811-404 |
| Approvals and certificates | | |
| UL approval | | AWM STYLE 20549 AWM I/II A/B 80°C 300V FT2 (cable) |
| UL File Number | | E520151 |
| Ambient conditions | | |
| Ambient temperature | | |
| Plug connector | | -40 ... 125 °C (-40 ... 257 °F) note derating |
| Cable, fixed installation | | -40 ... 90 °C (-40 ... 194 °F) UL -40 ... 80 °C (-40 ... 176 °F) |
| Cable, flexing | | -30 ... 90 °C (-22 ... 194 °F) UL -30 ... 80 °C (-22 ... 176 °F) |
| Pollution degree | | 3 |
| Mechanical specifications | | |
| Plug connector | | |
| Tightening torque | | 0.6 Nm |
| Tool installation | | straight knurling and hexagon nut SW = 14 mm |
| Mating cycles | | min. 100 |
| Degree of protection | | IP65 / IP67 / IP69 |
| Cable | | according to IEC/EN 60228 (DIN VDE 0295) class 5 |
| Sheath diameter | | 7.8 mm |
| Bending radius | | > 7.5 x cable diameter, movable installation > 4 x cable diameter, fixed installation |
| Sheath color | | grey (similar to RAL 7032) |
| Number of cores | | 5 |
| Core cross section | | 1.5 mm ² |
| Cores color | | Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: pink |
| Core construction | | 30 x 0.25 mm Ø |
| Length | L | 0.6 m |
| Cable code | | Li 9Y 11Y 5 x 1,50 |
| Drag chain suitability | | |
| Test temperature | | -20 ... 60 °C (-4 ... 140 °F) |
| Drag chain cycles | | min. 5000000 |
| Motion velocity | | max. 5 m/s |
| Traverse distance | | max. 5 m |
| Acceleration | | max. 50 m/s ² |
| Torsion cycles | | min. 2000000 |
| Torsional stress | | ± 30 °/m |
| Material | | |
| PWIS free | | yes |
| Halogen-free | | yes |
| Plug connector | | |
| Screw connection | | Zinc diecast, nickel-plated |
| Body | | TPE, black |
| Seal | | FKM |
| Contact surface | | Cu/Au |
| Flammability | | HB |
| Cable | | |
| Sheathing | | PUR |
| Cores | | bare copper (Cu) |
| Core insulation | | PP |
| Oil resistance | | yes |
| Flammability | | FT2 |

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Connection Assignment



Characteristic Curve

