



Connection cable

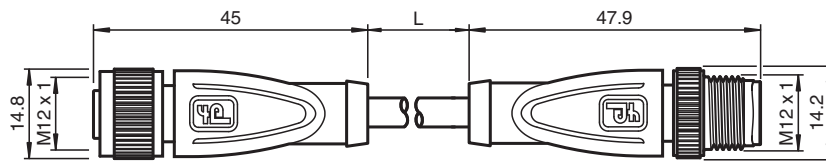
V19-G-BK0,6M-PUR-U-V1-G-YIOL

- For sensors with IO-Link interface
- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Degree of protection IP67 / IP68 / IP69
- Free from substances that impair paint wetting
- Resistant to microbes and hydrolysis
- UV resistant
- cURus approval
- Halogen-free
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Cordset for IO-Link M12 socket straight A-coded 8-pin to M12 plug straight A-coded 4-pin, PUR cable black, UL approved, drag chain suitable



Dimensions



Technical Data

General specifications

| | |
|--------------------|------------------|
| Connector 1 | |
| Connection | socket |
| Construction type | M12 |
| Style | straight |
| Locking | screw connection |
| Number of pins | 8 |
| Coding | A-coded |
| Connector 2 | |
| Connection | Male connector |
| Construction type | M12 |
| Style | straight |
| Locking | screw connection |
| Number of pins | 4 |
| Coding | A-coded |

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

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PEPPERL+FUCHS

Technical Data

| | | |
|-----------------------------------|---|-----------------|
| UL File Number | E231213 | |
| Electrical specifications | | |
| Operating voltage | U _B | max. 30 V AC/DC |
| Operating current | I _B | max. 2 A |
| Conformity | | |
| Degree of protection | EN 60529 | |
| Plug connection | connector M12 x 1 : IEC 61076-2-101 | |
| Flammability | UL 1581; DIN EN 60332-2-2 | |
| Halogen-free | IEC 60754-1 | |
| Approvals and certificates | | |
| UL approval | AWM STYLE 20549 AWM I/II A/B 80°C 300V FT2 (cable) | |
| Ambient conditions | | |
| Ambient temperature | | |
| Plug connector | -40 ... 90 °C (-40 ... 194 °F) | |
| Cable, fixed | -40 ... 80 °C (-40 ... 176 °F) | |
| Cable, flexing | -20 ... 80 °C (-4 ... 176 °F) | |
| Pollution degree | 3 | |
| Mechanical specifications | | |
| Plug connector | | |
| Tightening torque | 0.6 Nm | |
| Loosening protection | available | |
| Tool installation | straight knurling | |
| Mating cycles | min. 100 | |
| Degree of protection | IP67 / IP68 / IP69 | |
| Cable | | |
| Sheath diameter | 4.3 mm | |
| Bending radius | > 10 x cable diameter, moving > 5 x cable diameter, fixed | |
| Sheath color | black (similar to RAL 9005) | |
| Number of cores | 4 | |
| Core cross-section | 0.34 mm ² | |
| Cores color | Core 1: brown Core 2: white Core 3: blue Core 4: black | |
| Core construction | 42 x 0.1 mm Ø | |
| Length | L | 0.6 m |
| Cable code | Li 9Y 11Y 4 x 0.34 | |
| Drag chain suitability | | |
| Drag chain cycles | min. 5000000 | |
| Motion velocity | max. 3.3 m/s | |
| Traverse distance | max. 5 m | |
| Acceleration | max. 5 m/s ² | |
| Torsion cycles | min. 1000000 | |
| Torsional stress | ± 180 °/m | |
| Material | | |
| LABS free | yes | |
| Halogen-free | yes | |
| Plug connector | | |
| Knurled screw connection | Diecast zinc | |
| Body | TPU, black | |
| Contact surface | Au | |
| Flammability | V-2 | |
| Cable | | |

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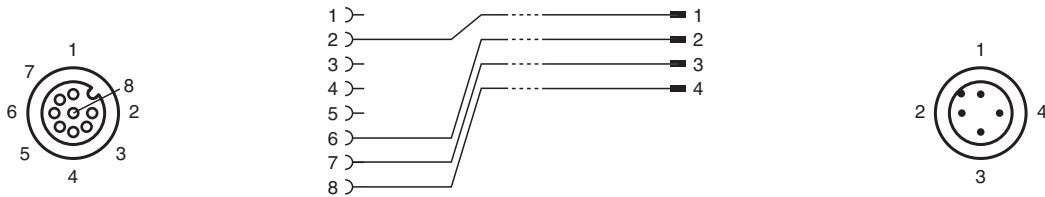
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PEPPERL+FUCHS

Technical Data

| | |
|------------------------------|------------------------|
| Sheathing | PUR based on polyether |
| Core insulation | PP |
| UV resistance | yes |
| Chemical resistance | good |
| Oil resistance | yes |
| Cooling lubricant resistance | yes |
| Microbial resistance | yes |
| Hydrolysis resistance | yes |
| Flammability | FT2 |

Connection Assignment



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