

Connection cable

V15-G-7M-PVC-TP-V15-G

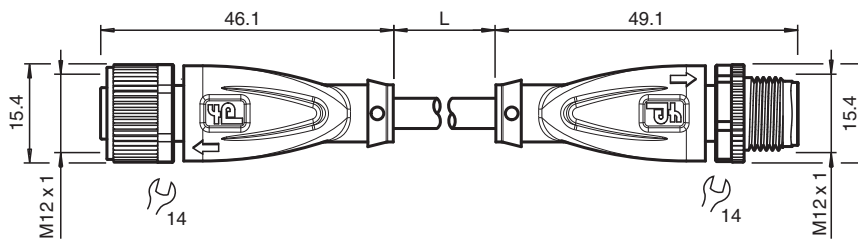


- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket straight A-coded to M12 plug straight A-coded, 5-pin, PVC cable 6-core grey, twisted pairs, overall shield



Dimensions



Technical Data

General specifications

| | | |
|---------------------------|-------|-------------------------------------|
| Connector 1 | | |
| Connection | | socket |
| Construction type | | M12 |
| Style | | straight |
| Locking | | screw connection |
| Number of pins | | 5 |
| Coding | | A-coded |
| Connector 2 | | |
| Connection | | plug |
| Construction type | | M12 |
| Style | | straight |
| Locking | | screw connection |
| Number of pins | | 5 |
| Coding | | A-coded |
| Electrical specifications | | |
| Operating voltage | U_B | max. 48 V AC / 60 V DC |
| Operating current | I_B | max. 1 A |
| Conformity | | |
| Degree of protection | | EN 60529 |
| Plug connection | | connector M12 x 1 : IEC 61076-2-101 |
| Flammability | | IEC 60332-1-2 |
| Ambient conditions | | |

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Technical Data

| | | |
|----------------------------------|---|--|
| Ambient temperature | | |
| Plug connector | | -40 ... 90 °C (-40 ... 194 °F) |
| Cable, fixed | | -40 ... 80 °C (-40 ... 176 °F) |
| Cable, flexing | | -5 ... 70 °C (23 ... 158 °F) |
| Pollution degree | | 3 |
| Mechanical specifications | | |
| Plug connector | | |
| Tightening torque | | 0.6 Nm |
| Loosening protection | | available |
| Tool installation | | straight knurling and hexagon nut SW = 14 mm |
| Mating cycles | | min. 100 |
| Shielding | | shield connected to screw connection |
| Degree of protection | | IP68 / IP69 |
| Cable | | |
| Sheath diameter | | 5.8 mm |
| Bending radius | | > 15 x cable diameter, moving > 6 x cable diameter, fixed |
| Sheath color | | grey (similar to RAL 7032) |
| Number of cores | | 6 |
| Core cross section | | 0.14 mm ² |
| Cores color | | Core 1: white Core 2: brown Core 3: green Core 4: yellow Core 5: grey Core 6: pink not used |
| Core construction | | 3 x 2 x 0.14 mm ² twisted pairs , overall shield |
| Shield | | tinned copper braiding |
| Length | L | 7 m |
| Cable code | | Li Y CY 3 x 2 x 0,14 |
| Material | | |
| Plug connector | | |
| Screw connection | | Zinc diecast, nickel-plated |
| Body | | TPU, black |
| Seal | | FKM |
| Contact surface | | gold plated (Au) |
| Flammability | | V-2 |
| Cable | | |
| Sheathing | | PVC |
| Core insulation | | PVC |
| Flammability | | flame retardant |

Connection Assignment

