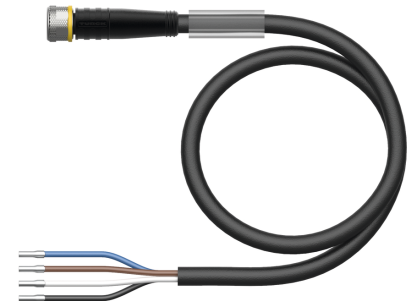


PKG4M-10/TXL

Actuator, Sensor and Supply Cable, PUR – Connection Cable



Technical data

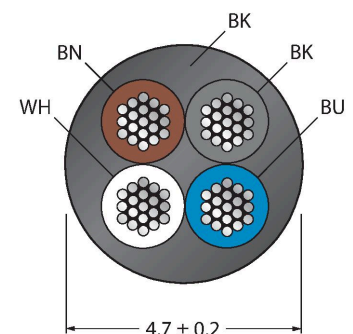
| | |
|--|--|
| Type | PKG4M-10/TXL |
| ID no. | 6625555 |
| Connector A | Female, M8 × 1, Straight |
| Number of Pins | 4 |
| Contacts | Brass, CuZn, Gold-plated |
| Contact carriers | Plastic, TPU, Black |
| Connector body | Plastic, TPU, Black |
| Coupling nut/screw | Brass, CuZn, Nickel-plated |
| Seal | Plastic, FPM/FKM |
| Tightening torque (range) | 0.5 ... 0.6 Nm (observe max. torque of mating connector!) |
| Mechanical lifespan | > 100 Mating cycles |
| Pollution degree | 3 |
| Type of protection | IP67, IP69K, Only in screwed condition |
| Cable | |
| Cable diameter | Ø 4.7 mm ± 0.20 |
| Cable length | 10 m |
| Cable jacket | PUR, Black |
| Core insulation | PP |
| Core cross-section | 4 x 0.34 mm ² |
| Arrangement of strands | 42 x 0.1 mm |
| Core colors | BN, WH, BU, BK |
| Electrical properties at +20 °C | |
| Rated voltage | 50 V _{AC} /60 V _{DC} |
| Test voltage | 2000 V |
| Current | 4 A |
| Insulation resistance | > 30.5 MΩ/km |

Features



- Female M8, straight, 4-pin
- Jacket material: PUR
- Jacket color: black
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2)
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Approval: cULus
- RoHS-compliant
- Protection class: IP67, IP69K
- Cable length: 10 m

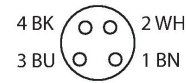
Cable Cross-Section



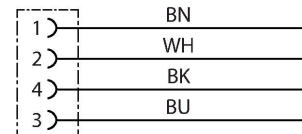
Technical data

| | |
|---|------------------------------|
| forward resistance | max. 57 Ω/km |
| Mechanical and chemical properties | |
| Bending radius (stationary installation) | ≥ 5 x Ø |
| Bending radius (flexible use) | ≥ 10 x Ø |
| Bending cycles | ≥ 5 million |
| Admissible acceleration | max. 5 m/s ² |
| Admissible travel path, horizontal | 5 m (at 5 m/s ²) |
| Admissible travel path, vertical | 2 m (at 5 m/s ²) |
| Admissible traversing speed | 3.3 m/s |
| Torsional stress | ± 180 °/m |
| Ambient temperature range (stationary) | -50 °C...+80 °C |
| Ambient temperature range (In motion) | -25 °C...+80 °C |
| Drag chain operation | -25 °C...+60 °C |

Contact assignment



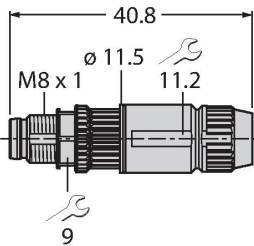
Circuit Diagram



Accessories

HAS5141-0

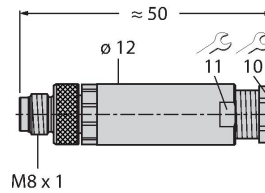
6905403



Field-wireable male connector, M8 × 1, straight, 4-pin, insulation piercing connection, cable feedthrough 2.5 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

BS5143-0

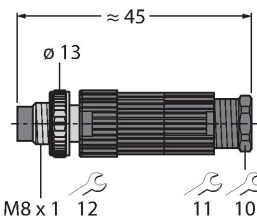
6901013



Field-wireable male connector, M8 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 3.5 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.50 mm², plastic housing, metal retaining screw

HS5141-0

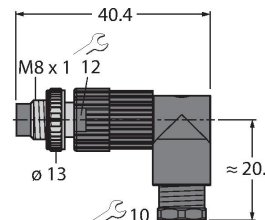
6902730



Field-wireable male connector, M8 × 1, straight, 4-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

HS5241-0

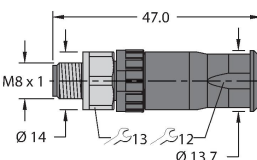
6902830



Field-wireable male connector, M8 × 1, angled, 4-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

FW-PRSPM0420-SA-S-0406

100002295



Field-wireable male connector, M8 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 5.5 mm, core cross-section/terminal capacity 0.14 to 0.5 mm², plastic housing, metal retaining screw

TORQUE-WRENCH-SET-AS

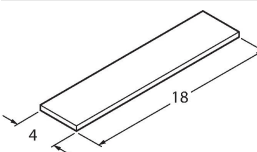
6936170



Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)

BLANK-LABEL-FOR-CORDSETS-TEL-TXL

6936206



Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant