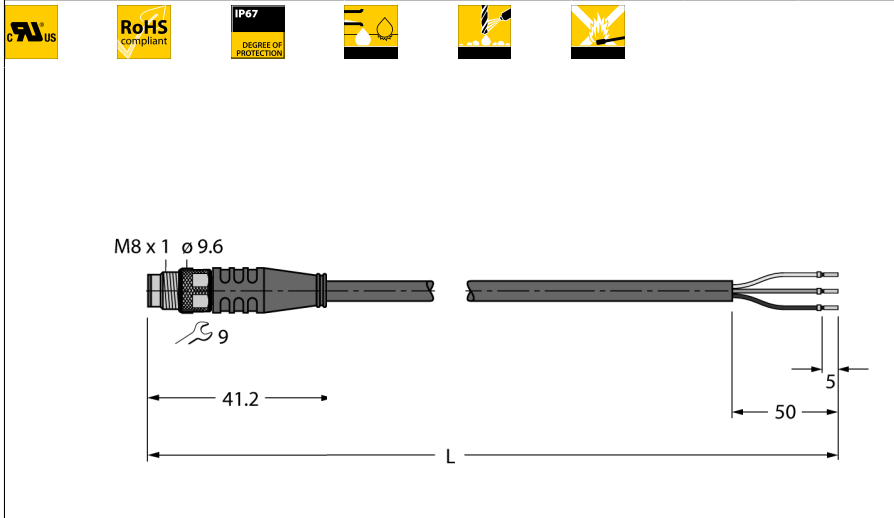
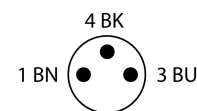
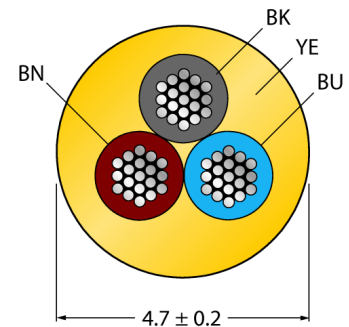


Actuator And Sensor Cable / PVC
Connection cable
PSG3M-10/TEY



- Male M8, straight, 3-pin
- Sheath material: PVC
- Sheath color: yellow
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 10 m

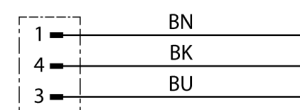
Cable Cross-section



General information

Drawing shows design status including hexagon coupling nut (Start of production CW21/2016).

Circuit Diagram




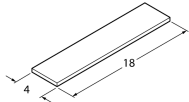
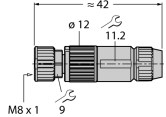
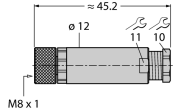
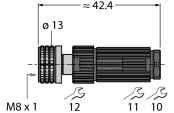
| | |
|---|---|
| Type designation | PSG3M-10/TEY |
| Ident no. | 6630109 |
| Connector A side | Connector, M8 ♂ 1, Straight |
| Number of pins | 3 |
| Contacts | Brass, CuZn, Gold-plated |
| Contact carriers | Plastic, TPU, Black |
| Grip | Plastic, TPU, Black |
| Coupling nut/screw | Brass, CuZn, Nickel-plated |
| Protection class | IP67, A + B side screwed together |
| Mechanical lifespan | > 100 Mating cycles |
| Pollution degree | 3 |
| Tightening torque | 0.5 ... 0.6 Nm (observe max. torque of counter piece!) |
| General data | |
| Cable diameter | 4.7 ± 0.20mm |
| Cable length | 10 m |
| Cable quality | PVC |
| Cable color | Yellow |
| Core insulation | PVC |
| Core colors | BN, BU, BK |
| Core cross-section | 3x0.34mm ² |
| Arrangement of strands | 42x0.1 mm |
| Electrical features at +20 °C | |
| Current | 4 A |
| Rated voltage | 60 V |
| Insulation resistance | > 30.5 MΩ/km |
| Test voltage | 2000 V |
| Forward resistance | max. 57 Ω/km |
| Mechanical and chemical properties | |
| Bending radius (stationary laying) | > 5 x Ø |
| Bending radius (flexible use) | > 10 x Ø |
| Ambient temperature | |
| Stationary | -40...+105°C |
| In motion | 0...+80°C |

Actuator And Sensor Cable / PVC
Connection cable
PSG3M-10/TEY

TURCK

Industrial
Automation

Accessories


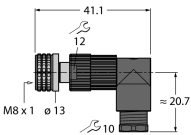
| Type code | Ident no. | Description | |
|----------------------------------|-----------|--|---|
| Torque-Wrench-Set-AS | 6936170 | Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14) |  |
| BLANK-LABEL-FOR-CORDSETS-TEL-TXL | 6936206 | Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant |  |
| HA5131-0 | 6905404 | Field-wireable female connector, M8 (M8) 1, straight, 3-pin, insulation piercing connection, cable feedthrough 2.5 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm ² , plastic housing, metal nut |  |
| B5133-0 | 6901030 | Field-wireable female connector, M8 (M8) 1, straight, 3-pin, screw terminal connection, cable feedthrough 3.5 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.50 mm ² , plastic housing, metal nut |  |
| H5131-0 | 6902700 | Field-wireable female connector, M8 (M8) 1, straight, 3-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm ² , plastic housing, metal nut |  |

Actuator And Sensor Cable / PVC
Connection cable
PSG3M-10/TEY

TURCK

Industrial
Automation

Accessories

| Type code | Ident no. | Description | |
|-----------|-----------|---|---|
| H5231-0 | 6902800 | Field-wireable female connector, M8  1, angled, 3-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 |  |