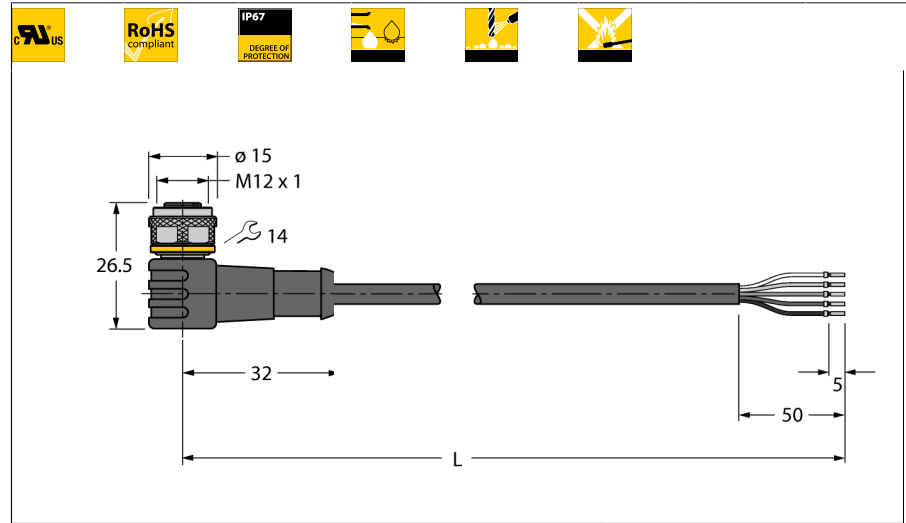
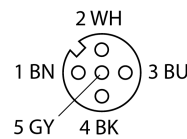
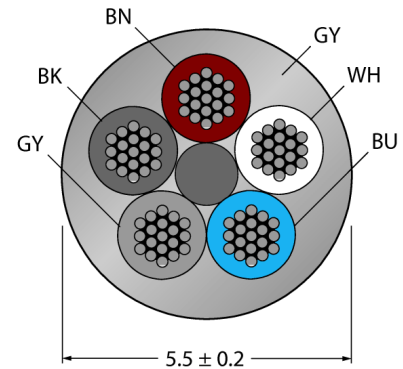


Actuator And Sensor Cable / PVC
Connection cable
WKC4.5T-2/TEG



- Female M12, angled, 5-pin
- Sheath material: PVC
- Sheath color: grey
- 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: 2.0 m

Cable Cross-section



| | |
|-------------------------|---|
| Type designation | WKC4.5T-2/TEG |
| Ident no. | 6629852 |
| Connector A side | Female connector, M12 1, Angled |
| Number of pins | 5 |
| Contacts | Brass, CuZn, Gold-plated |
| Contact carriers | Plastic, TPU, Black |
| Grip | Plastic, TPU, Black |
| Coupling nut/screw | Brass, CuZn, Nickel-plated |
| Seal | Plastic, FPM/FKM |
| Protection class | IP67, A + B side screwed together |
| Mechanical lifespan | > 100 Mating cycles |
| Pollution degree | 3 |
| Tightening torque | 0.8 ... 1 Nm (observe max. torque of counter piece!) |
| General data | |
| Cable diameter | 5.5 ± 0.2mm |
| Cable length | 2 m |
| Cable quality | PVC |
| Cable color | Gray |
| Core insulation | PVC |
| Core colors | BN, WH, BU, BK, GY |
| Core cross-section | 5x0.34mm ² |
| Arrangement of strands | 42x0.1 mm |

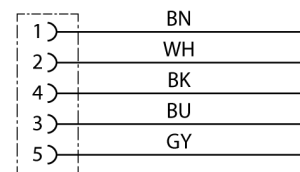
| | |
|--------------------------------------|--------------|
| Electrical features at +20 °C | |
| Current | 4 A |
| Rated voltage | 60 V |
| Insulation resistance | > 30.5 MΩ/km |
| Test voltage | 2000 V |
| Forward resistance | max. 57 Ω/km |

| | |
|---|--------------|
| 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 |

General information

Drawing depicts design version including hexagon coupling nut (Production date after CW11/2016).

Circuit Diagram


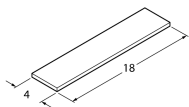
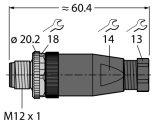
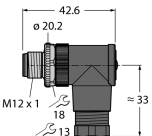

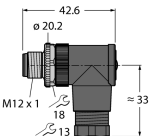


Actuator And Sensor Cable / PVC
Connection cable
WKC4.5T-2/TEG

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 |  |
| BS8151-0 | 6904611 | Field-wireable male connector, M12  1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm ² , plastic housing, metal nut |  |
| BS8251-0 | 6904612 | Field-wireable male connector, M12  1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm ² , plastic housing, metal nut |  |