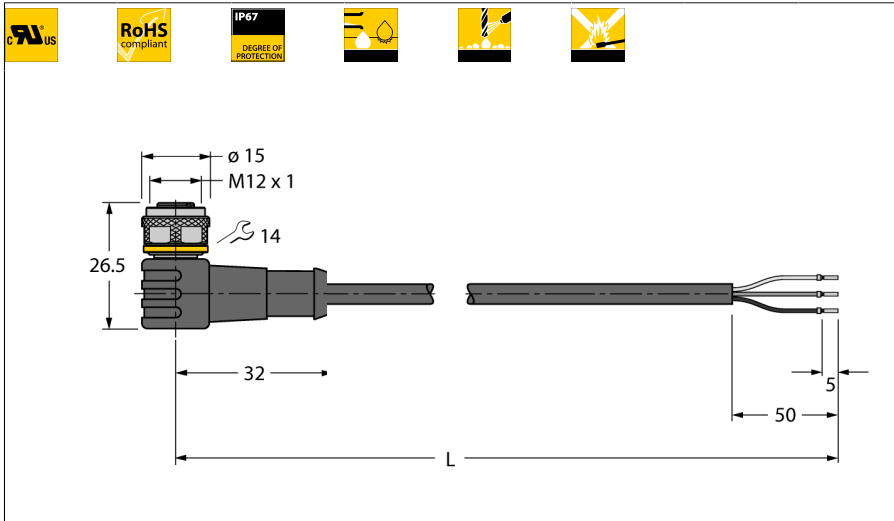
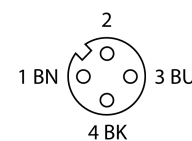
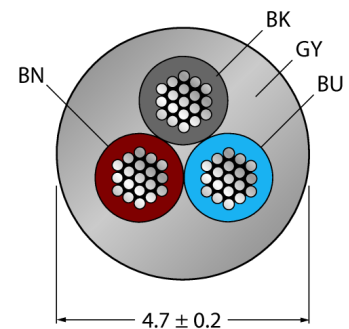


**Actuator And Sensor Cable / PVC**  
**Connection cable**  
**WKC4T-2/TEG**



- Female M12, angled, 3-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**



|                         |             |
|-------------------------|-------------|
| <b>Type designation</b> | WKC4T-2/TEG |
| Ident no.               | 6629503     |

|                         |   |
|-------------------------|---|
| <b>Connector A side</b> | Female connector, M12 ⌵ 1, Angled                       |
| 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                              |
| 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<br>(observe max. torque of counter piece!) |

|                        |                       |
|------------------------|-----------------------|
| <b>General data</b>    |                       |
| Cable diameter         | 4.7 ± 0.2mm           |
| Cable length           | 2 m                   |
| Cable quality          | PVC                   |
| Cable color            | Gray                  |
| Core insulation        | PVC                   |
| Core colors            | BN, BU, BK            |
| Core cross-section     | 3x0.34mm <sup>2</sup> |
| Arrangement of strands | 42x0.1 mm             |

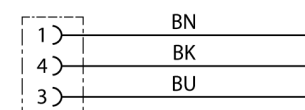
|                                      |              |
|--------------------------------------|--------------|
| <b>Electrical features at +20 °C</b> |              |
| Current                              | 4 A          |
| Rated voltage                        | 250 V        |
| Insulation resistance                | > 30.5 MΩ/km |
| Test voltage                         | 2000 V       |
| Forward resistance                   | max. 57 Ω/km |

|   |              |
|---|--------------|
| <b>Mechanical and chemical properties</b> |              |
| 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**


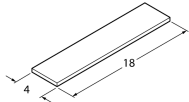

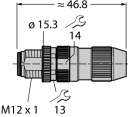

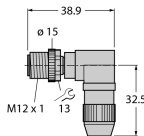

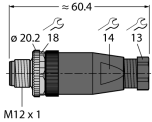


**Actuator And Sensor Cable / PVC**  
**Connection cable**  
**WKC4T-2/TEG**

**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  |    |
| HAS8141-0                        | 6905406   | Field-wireable male connector, M12  1, straight, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm <sup>2</sup> , plastic housing, metal nut |  |
| HAS8241-0                        | 6905400   | Field-wireable male connector, M12  1, angled, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm <sup>2</sup> , plastic housing, metal nut   |  |
| BS8141-0                         | 69010     | Field-wireable male connector, M12  1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm <sup>2</sup> , plastic housing, metal nut    |  |

**Actuator And Sensor Cable / PVC**  
**Connection cable**  
**WKC4T-2/TEG**

**TURCK**

Industrial  
Automation

**Accessories**

| Type code | Ident no. | Description   |
|-----------|-----------|---|
| BS8241-0  | 69011     | Field-wireable male connector, M12 (↶) 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm <sup>2</sup> , plastic housing, metal nut |

