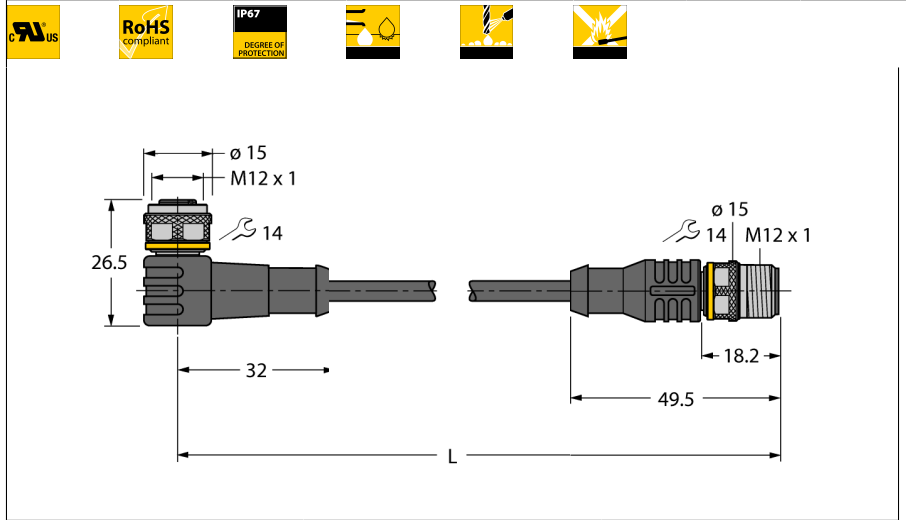


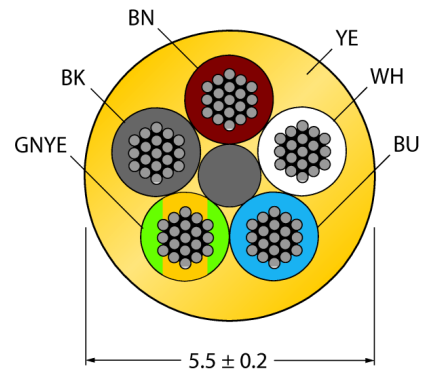
Actuator And Sensor Cable / PVC extension cable
WKC5T-1-RSC5T/TEY



- Female M12, angled, 4-pin + PE
- Male M12, straight, 4-pin + PE
- 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: 1.0 m

| | |
|-------------------------|-------------------|
| Type designation | WKC5T-1-RSC5T/TEY |
| Ident no. | 6629927 |

Cable Cross-section



| | |
|-------------------------|---|
| Connector A side | Female connector, M12 ↙ 1, Angled |
| Number of pins | 4+PE |
| 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!) |
| Connector B side | Connector, M12 x 1, Straight |
| Number of pins | 4+PE pins |
| Contacts | brass, CuZn, Gold-plated |
| Contact carriers | Plastic, TPU, Black |
| Grip | plastic, TPU, black |
| Coupling nut/screw | Brass, CuZn, Nickel-plated |
| Protection class | IP67, only in screwed state |
| 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 ± 0.20mm |
| Cable length | 1 m |
| Cable quality | PVC |
| Cable color | Yellow |
| Core insulation | PVC |
| Core colors | BN, WH, BU, BK, GNYE |
| Core cross-section | 5x0.34mm ² |
| Arrangement of strands | 42x0.1 mm |

General information

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

Circuit Diagram



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

**Actuator And Sensor Cable / PVC
extension cable
WKC5T-1-RSC5T/TEY**

TURCK

Industrial
Automation

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
extension cable
WKC5T-1-RSC5T/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-CORDESETS-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 |  |