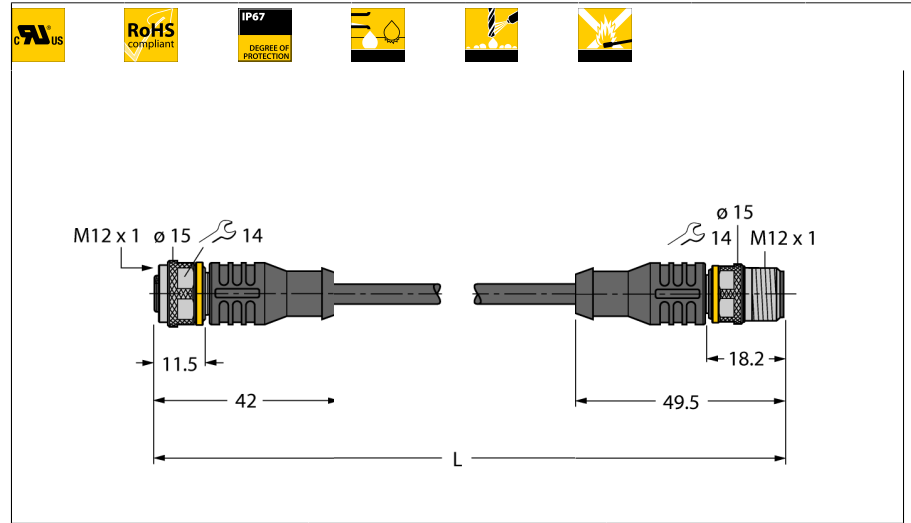


Actuator And Sensor Cable / PVC extension cable
RKC4.5T-5-RSC4.5T/TEG



- Female M12, straight, 5-pin
- Male M12, straight, 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: 5.0 m

Type designation RKC4.5T-5-RSC4.5T/TEG
Ident no. 6629865

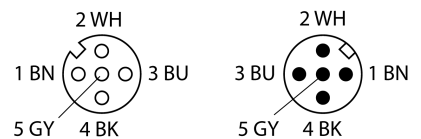
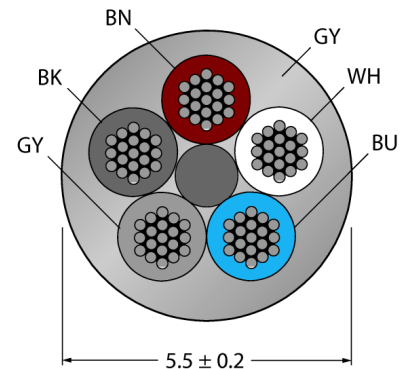
Connector A side
 Number of pins Female connector, M12 1, Straight
 5
 Contacts Brass, CuZn, Gold-plated
 Contact carriers Plastic, TPU, Black
 Grip Plastic, TPU, Black
 Coupling nut/screw Brass, CuZn, Nickel-plated
 Seal Plastic, FPM/FKM
 Protection class IP67, A + B side screwed together
 Mechanical lifespan > 100 Mating cycles
 Pollution degree 3
 Tightening torque 0.8 ... 1 Nm
 (observe max. torque of counter piece!)

Connector B side
 Number of pins Connector, M12 x 1, Straight
 5 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 5 m
 Cable quality PVC
 Cable color Gray
 Core insulation PVC
 Core colors BN, WH, BU, BK, GY
 Core cross-section 5x0.34mm²
 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

Cable Cross-section



General information

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

Circuit Diagram



**Actuator And Sensor Cable / PVC
extension cable
RKC4.5T-5-RSC4.5T/TEG**

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
RKC4.5T-5-RSC4.5T/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-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 |  |