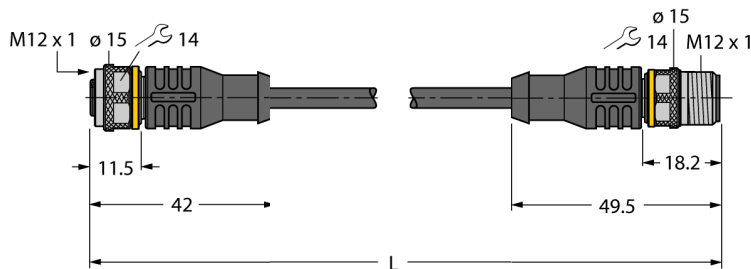


# Actuator And Sensor Cable / PVC extension cable RKC4.4T-0,6-RSC4.4T/TEG

**TURCK**

Industrial  
Automation



- Female M12, straight, 4-pin
- Male M12, straight, 4-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: 0.6 m

**Type designation**  
Ident no.

RKC4.4T-0,6-RSC4.4T/TEG  
6629825

## Connector A side

Number of pins  
Contacts  
Contact carriers  
Grip  
Coupling nut/screw  
Seal  
Protection class  
Mechanical lifespan  
Pollution degree  
Tightening torque

Female connector, M12 1, Straight  
4  
Brass, CuZn, Gold-plated  
Plastic, TPU, Black  
Plastic, TPU, Black  
Brass, CuZn, Nickel-plated  
Plastic, FPM/FKM  
IP67, A + B side screwed together  
> 100 Mating cycles  
3  
0.8 ... 1 Nm  
(observe max. torque of counter piece!)

## Connector B side

Number of pins  
Contacts  
Contact carriers  
Grip  
Coupling nut/screw  
Protection class  
Mechanical lifespan  
Pollution degree  
Tightening torque

Connector, M12 x 1, Straight  
4 pins  
brass, CuZn, Gold-plated  
Plastic, TPU, Black  
plastic, TPU, black  
Brass, CuZn, Nickel-plated  
IP67, only in screwed state  
> 100 Mating cycles  
3  
0.8 ... 1 Nm  
(observe max. torque of counter piece!)

## General data

Cable diameter  
Cable length  
Cable quality  
Cable color  
Core insulation  
Core colors  
Core cross-section  
Arrangement of strands

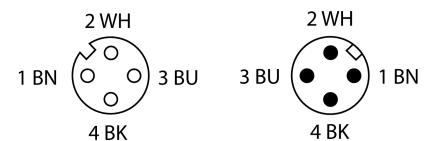
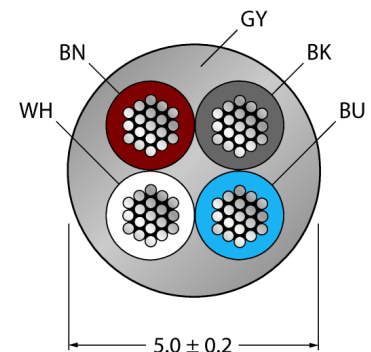
5 ± 0.20mm  
0.6 m  
PVC  
Gray  
PVC  
BN, WH, BU, BK  
4x0.34mm<sup>2</sup>  
42x0.1 mm

## Electrical features at +20 °C

Current  
Rated voltage  
Insulation resistance  
Test voltage  
Forward resistance

4 A  
250 V  
> 30.5 MΩ/km  
2000 V  
max. 57 Ω/km

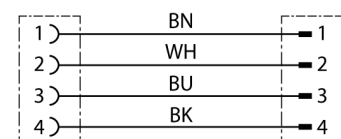
## Cable Cross-section



## General information

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

## Circuit Diagram



**Actuator And Sensor Cable / PVC**  
**extension cable**  
**RKC4.4T-0,6-RSC4.4T/TEG**

**TURCK**

Industrial  
Automation

---

**Mechanical and chemical properties**

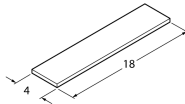
|                                    |              |
|------------------------------------|--------------|
| Bending radius (stationary laying) | > 5 x Ø      |
| Bending radius (flexible use)      | > 10 x Ø     |
| Ambient temperature                |              |
| Stationary                         | -40...+105°C |
| In motion                          | 0...+80°C    |

**Actuator And Sensor Cable / PVC  
extension cable  
RKC4.4T-0,6-RSC4.4T/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 |  |