

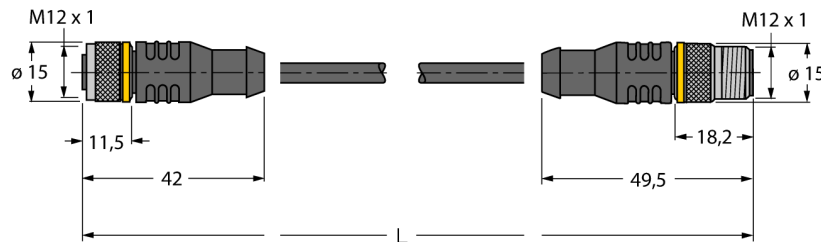
**Actuator/sensor cable, PVC
extension cable
RKC4.4T-0,6-RSC4.4T/TEL**

TURCK

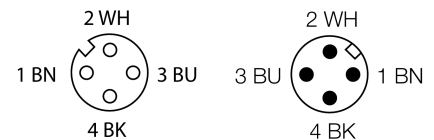
Industrial
Automation



- Female M12, straight, 4-pin
- Male M12, straight, 4-pin
- Sheath material: PVC
- Sheath color: black
- Resistant to chemicals and oils
- LABS-free
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 0.6 m



Pin assignment



circuit diagram



Type code RKC4.4T-0,6-RSC4.4T/TEL
Ident no. 6625206

Connector A side
Number of pins 4
Contacts metal, CuZn, gold-plated
Contact carriers plastic, TPU, black
Grip plastic, TPU, black
Coupling nut/screw metal, CuZn, nickel-plated
Coupling nut/screw metal
Protection class IP67, only in screwed state
Mechanical lifespan > 100 mating cycles
Pollution degree 3
Tightening torque 0.8 ... 1 Nm
(observe max. value of counter piece!)

Connector B side
Number of pins 4
Contacts metal, CuZn, gold-plated
Contact carriers plastic, TPU, black
Grip plastic, TPU, black
Coupling nut/screw metal, CuZn, nickel-plated
Coupling nut/screw metal
Protection class IP67, only in screwed state
Mechanical lifespan > 100 contact durability
Pollution degree 3
Tightening torque 0.8 ... 1 Nm
(observe max. value of counter piece!)

General data
Cable diameter Ø 4.7 mm +/-0.20
Cable length 0.6 m
Sheath color PVC (black)
Core insulation (colors) PP (BN, WH, BU, BK)
Core cross-section 4x0.34mm²
Litz wire arrangement 42x0.1 mm

Electrical features at +20 °C
Rated current 4 A
Rated voltage [U_{max}] 250 V
Insulation resistance > 1 GΩ x km
Test voltage 2000 V

Mechanical and chemical properties
Static Bending Radius > 5 x Ø
Bending radius (flexible use) > 10 x Ø
Ambient temperature
at rest -40 ... 105°C
In moving state 0 ... 80°C