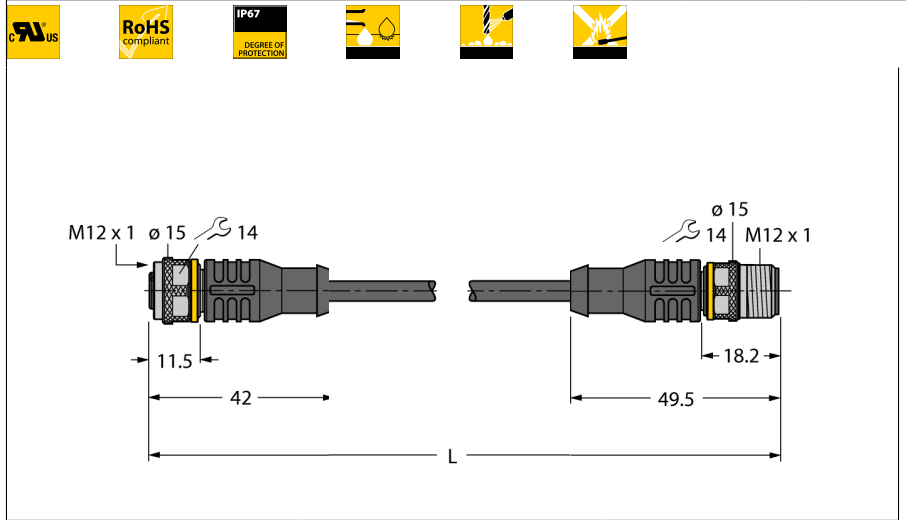


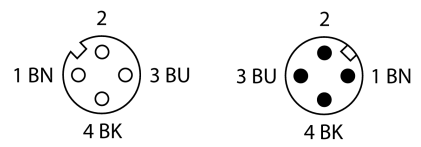
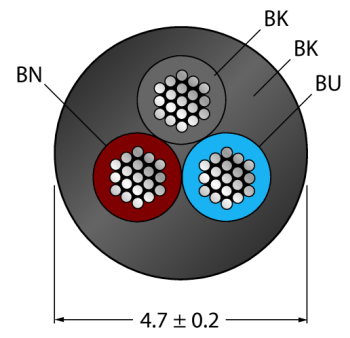
**Actuator and Sensor Cable, PVC
Extension Cable
RKC4T-1-RSC4T/TEL**



- Female M12, straight, 3-pin
- Male M12, straight, 3-pin
- Sheath material: PVC
- Sheath color: black
- 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	RKC4T-1-RSC4T/TEL
Ident no.	6625203
Connector A side	Female connector, M12x1, Straight
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 (observe max. torque of counter piece!)
Connector B side	Connector, M12 x 1, Straight
Number of pins	3 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	4.7 ± 0.20mm
Cable length	1 m
Cable quality	PVC
Cable color	Black
Core insulation	PVC
Core colors	BN, BU, BK
Core cross-section	3x0.34 mm ²
Arrangement of strands	42x0.1 mm
Electrical features at +20 °C	
Current	4 A
Rated voltage	250 V
Insulation resistance	> 30.5 MΩ/km
Test voltage	2000 V
Forward resistance	max. 57 Ω/km

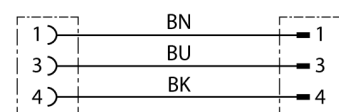
Cable Cross-section



General information

Drawing shows design status including hexagon coupling nut (Production start CW11/2016).

Circuit Diagram



**Actuator and Sensor Cable, PVC
Extension Cable
RKC4T-1-RSC4T/TEL****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
RKC4T-1-RSC4T/TEL**

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	