

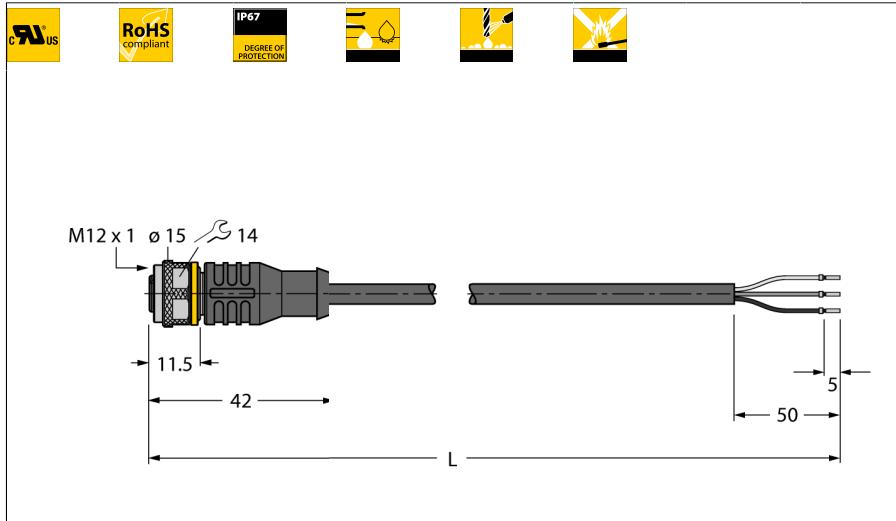
Actuator And Sensor Cable / PVC

Connection cable

RKC4T-10/TEY

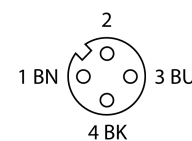
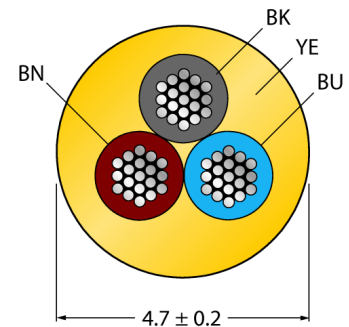
TURCK

Industrial
Automation



- Female M12, straight, 3-pin
- 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: 10 m

Cable Cross-section

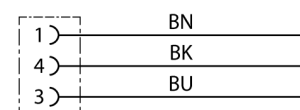


Type designation	RKC4T-10/TEY
Ident no.	6629873
Connector A side	Female connector, M12 ♂ 1, Straight
Number of pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Grip	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Protection class	IP67, 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!)
General data	
Cable diameter	4.7 ± 0.2mm
Cable length	10 m
Cable quality	PVC
Cable color	Yellow
Core insulation	PVC
Core colors	BN, BU, BK
Core cross-section	3x0.34mm 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
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

General information

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

Circuit Diagram


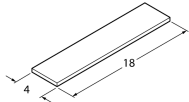

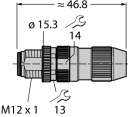

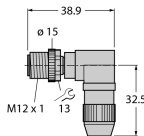

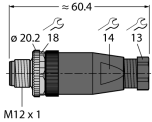


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Accessories

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	
HAS8141-0	6905406	Field-wireable male connector, M12  1, straight, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm ² , plastic housing, metal nut	
HAS8241-0	6905400	Field-wireable male connector, M12  1, angled, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm ² , plastic housing, metal nut	
BS8141-0	69010	Field-wireable male connector, M12  1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm ² , plastic housing, metal nut	

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Accessories

Type code	Ident no.	Description
BS8241-0	69011	Field-wireable male connector, M12 (↙) 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm ² , plastic housing, metal nut

