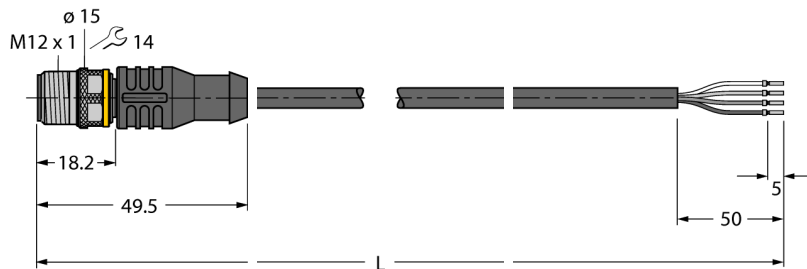


Actuator and Sensor Cable, PVC

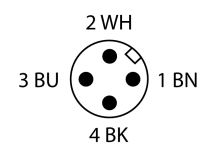
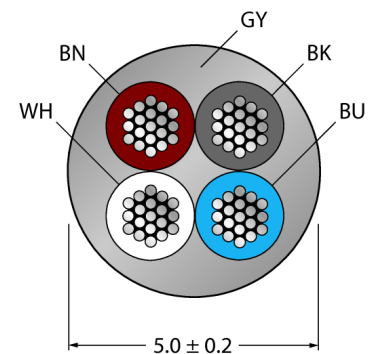
Connection Cable

RSC4.4T-1/TEG



- 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: 1.0 m

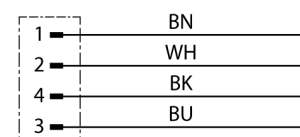
Cable Cross-section



General information

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

Circuit Diagram



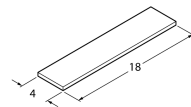
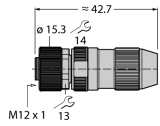
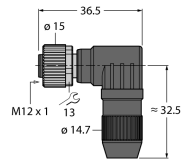
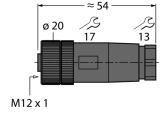
Type designation	RSC4.4T-1/TEG
Ident no.	6633129
Connector A	Connectors, M12 × 1, Straight
Number of pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only in screwed condition
Tightening torque (range)	0.8 ... 1 Nm (observe max. torque of mating connector!)
Cable	
Cable diameter	5 ± 0.20mm
Cable length	1 m
Cable jacket	PVC, Gray
Core insulation	PVC
Core colors	BN, WH, BU, BK
Core cross-section	4x0.34mm ²
Arrangement of strands	42x0.1mm
Electrical properties at +20 °C	
Rated voltage	250 V
Test voltage	2000 V
Current	4 A
Insulation resistance	> 30.5 MΩ/km
forward resistance	max. 57 Ω/km
Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 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

Connection Cable

RSC4.4T-1/TEG

Accessories

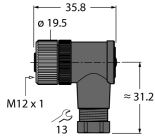
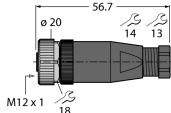
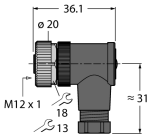
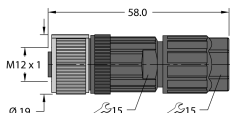
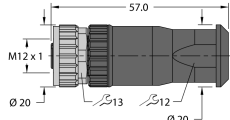
Type code	Ident no.	Description	
TORQUE-WRENCH-SET-AS	6936170	Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)	
BLANK-LABEL-FOR-CORDSETS-TEL-TXL	6936206	Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant	
HA8141-0	6905407	Field-wireable female 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 mm², plastic housing, metal nut	
HA8241-0	6905401	Field-wireable female 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 mm², plastic housing, metal nut	
B8141-0	69049	Field-wireable female 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 mm², plastic housing, plastic nut	

Actuator and Sensor Cable, PVC

Connection Cable

RSC4.4T-1/TEG

Accessories

Type code	Ident no.	Description	
B8241-0	69048	Field-wireable female 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 mm², plastic housing, plastic nut	
BM8141-0	6935145	Field-wireable female connector, M12 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.25 to 0.75 mm², plastic housing, metal nut	
BM8241-0	6935889	Field-wireable female connector, M12 × 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.25 to 0.75 mm², plastic housing, metal nut	
FW-ERKPM0426-SA-P-0408	100002047	Field-wireable female connector, M12 × 1, straight, 4-pin, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal coupling nut	
FW-ERKPM0416-SA-S-0408	100002283	Field-wireable female connector, M12 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal nut	

Actuator and Sensor Cable, PVC Connection Cable RSC4.4T-1/TEG

Accessories

Type code	Ident no.	Description	
FW-EWKPM0416-SA-S-0408	100002286	Field-wireable female connector, M12 × 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal nut	