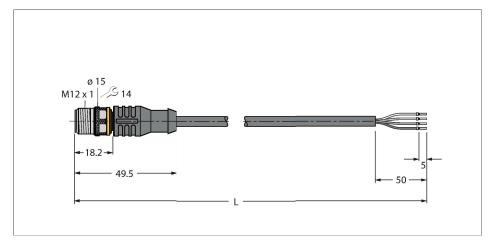
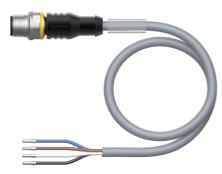


RSC4.4T-3/TXG Actuator and Sensor Cable, PUR – Connection Cable





Technical data

Туре	RSC4.4T-3/TXG	
ID	6635082	
Connector A	Male, M12 × 1, Straight, A-coded	
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, IP69K, Only in screwed condition	
Cable		
Cable diameter	Ø 4.5 mm ±0.20	
Cable length	3 m	
Cable jacket	PUR, Gray	
Core insulation	PP	
Core cross-section	4 x 0.34 mm²	
Arrangement of strands	42 x 0.1 mm	
Core colors	BN, WH, BU, BK	
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	

Features













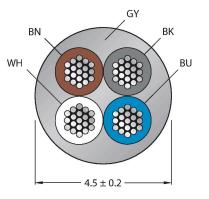






- Male M12, straight, 4-pin
- Jacket material: PUR
- ■Jacket color: gray
- ■Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- Resistant to welding sparks
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Protection class: IP67, IP69K
- ■Cable length: 3 m

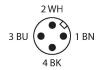
Cable Cross-Section



Contact assignment

Technical data

Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 5 million
Admissible acceleration	max. 5 m/s²
Admissible travel path, horizontal	5 m (at 5 m/s²)
Admissible travel path, vertical	2 m (at 5 m/s²)
Admissible traversing speed	3.3 m/s
Torsional stress	± 180 °/m
Ambient temperature (fixed)	-50+80 °C
Ambient temperature (mobile)	-25+80 °C
Ambient temperature (drag chain)	-25+60 °C
Approvals	cULus



Circuit Diagram

1 —	BN	
2 -	WH	
4 =	BK	
2 _	BU	

Accessories

TORQUE-WRENCH-SET-AS

6936170

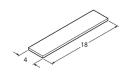
Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)

BLANK-LABEL-FOR-CORDSETS-TEL-TXL

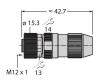
6936206

6905401

Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant

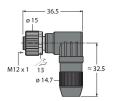


HA8141-0 6905407



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



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



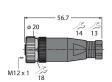
Field-wireable female connector, M12 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, plastic nut

B8241-0

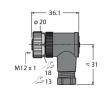


Field-wireable female connector, M12 × 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, plastic nut

69048



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



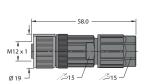
Field-wireable female connector, M12 × 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.25 to 0.75 mm², plastic housing, metal nut

FW-ERKPM0426-SA-P-0408

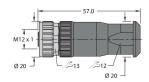
100002047

FW-ERKPM0416-SA-S-0408

100002283



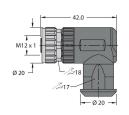
Field-wireable female connector, M12 × 1, straight, 4-pin, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal coupling nut



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

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

Accessories

Dimension drawing

Type

ID

LABEL-HOLDER-FLEX-PVC

100048170

PVC label holder for identification of extension cables (TEL/TXL product series); for cable diameters: min. 5 mm; dimensions 4 × 18 mm; delivery unit: 50 pcs. per package