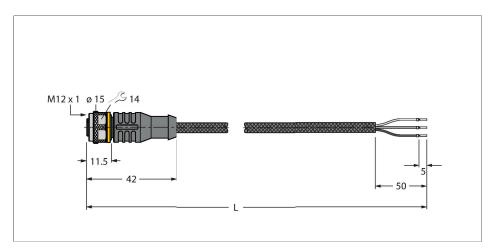


RKC4T-10/TXL1001

Weld-Splatter Resistant Actuator and Sensor Cable – Connection Cable



Technical data

Туре	RKC4T-10/TXL1001
ID	6630251
Connector A	Female, M12 × 1, Straight, A-coded
Number of Pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Cable	
Cable diameter	Ø 4.9 mm ±0.20
Cable length	10 m
Cable jacket	PUR, Yellow
Core insulation	PP
Core cross-section	3 x 0.34 mm²
Arrangement of strands	42 x 0.1 mm
Core colors	BN, 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

Features











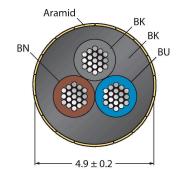






- Female M12, straight, 3-pin
- Jacket material: PUR jacketed with aramid fibers
- Jacket color: yellow
- Resistant to welding sparks
- ■Flame retardant
- Resistant to chemicals, UV radiation and oils
- Free from halogen, silicone, PVC and LABS
- Protection class: IP67, IP69K
- ■Protective jacket material: aramid fibers
 - ■Tensile strength: 2923 MPa
 - Breaking strength: 333 N
 - Elongation at break: 3.6 %
 - ■Temperature peaks: up to +200 °C
- Cable length: 10 m

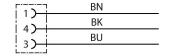
Cable Cross-Section



Contact assignment



Circuit Diagram





Technical data

Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Ambient temperature range (stationary)	-50+105 °C
Ambient temperature range (In motion)	-30+90 °C

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)

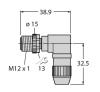
HAS8141-0

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 mm², 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 mm², plastic housing, metal nut

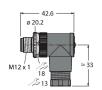
BS8141-0

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 mm², plastic housing, metal retaining screw

BS8241-0 69011



Field-wireable 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, metal retaining screw

Accessories

ID Dimension drawing Type 100048170 PVC label holder for identification of LABEL-HOLDER-FLEX-PVC

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