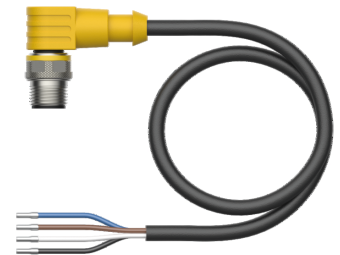
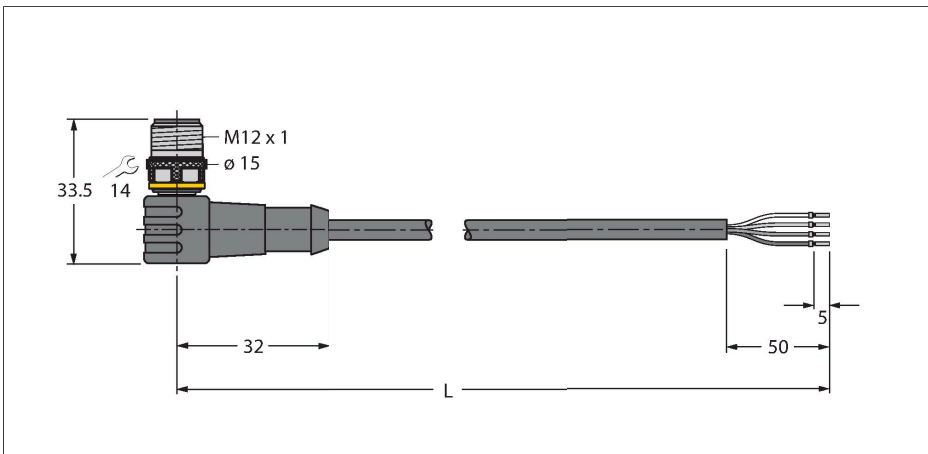


WSC4.4T-2/TXL3013

Actuator and Sensor Cable, PUR – Connection Cable



Technical data

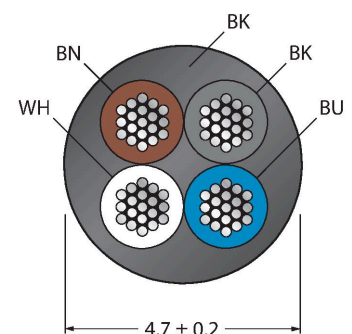
Type	WSC4.4T-2/TXL3013
ID	6630907
Connector A	Male, M12 × 1, Angled, A-coded
Number of Pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut/screw	Brass, CuZn, Nickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Cable	
Cable diameter	Ø 4.7 mm ±0.20
Cable length	2 m
Cable jacket	PUR, Black
Core insulation	PP
Core cross-section	4 x 0.34 mm ²
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, angled, 4-pin
- Jacket material: PUR
- Jacket color: black
- Grip color: yellow
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Protection class: IP67, IP69K
- Cable length: 2.0 m

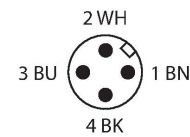
Cable Cross-Section



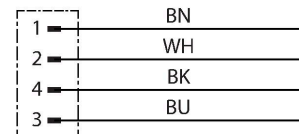
Contact assignment

Technical data

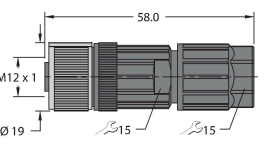
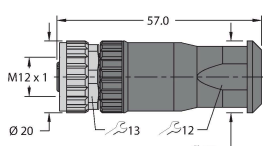
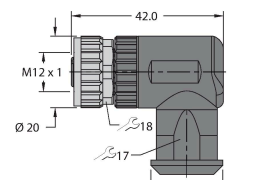
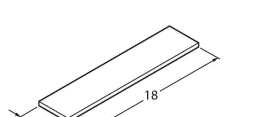
Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 5 million
Admissible acceleration	max. 5 m/s ²
Admissible travel path, horizontal	5 m (at 5 m/s ²)
Admissible travel path, vertical	2 m (at 5 m/s ²)
Admissible traversing speed	3.3 m/s
Torsional stress	± 180 °/m
Ambient temperature range (stationary)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



Circuit Diagram



Accessories

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
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	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	

Accessories

Dimension drawing	Type	ID
The technical drawing shows two views of the PVC label holder. The top view is a front elevation showing a rectangular shape with rounded corners. It has a central slot for cable identification. Dimensions are indicated: a total width of 10 mm, a central slot width of 6 mm, and a height of 10 mm. The bottom view is a side elevation showing the profile of the holder. It has a base thickness of 2 mm and a total height of 10 mm. A small dimension of 1 mm is also shown at the bottom edge.	LABEL-HOLDER-FLEX-PVC	100048170

Dimension drawing	Type	ID	
			dimensions 4 × 18 mm; delivery unit: 50 pcs. per package