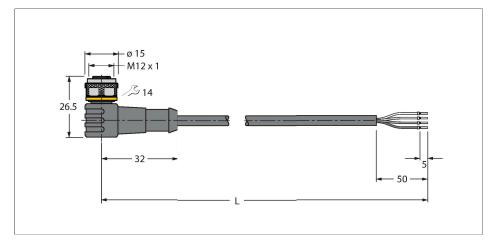
WKC4.4T-8/TXO3701| 23-02-2025 10-19 | Technical modifications reserved

WKC4.4T-8/TXO3701

Welding Spark Resistant Actuator and Sensor Cable -**Connection Cable**





Technical data

Remark to product Specification according to VASS requirements (version: February 2021) Connector A Female, M12 × 1, Angled, 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 Seal Plastic, FPM/FKM Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 5.6 mm ±0.20 Cable length 8 m Cable jacket PUR, Orange Core insulation PP Core cross-section 4 x 0.34 mm²
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Coupling nut/screw Seal Plastic, FPM/FKM Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 5.6 mm ±0.20 Cable length 8 m Cable jacket PUR, Orange Core insulation PP
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Cable length 8 m Cable jacket PUR, Orange Core insulation PP
Cable jacket PUR, Orange Core insulation PP
Core insulation PP
Core cross-section 4 x 0.34 mm ²
7 X U.07 IIIII
Core colors BN, WH, BU, BK
Electrical properties at +20 °C
Rated voltage 250 V
Test voltage 2000 V
Test voltage 2000 V
Current 4 A

Features









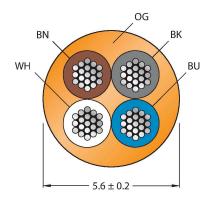






- Female M12, angled, 4-pin
- ■Jacket material: PUR
- Jacket color: orange
- Resistant to welding sparks
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and
- ■Flame retardant (FT2 acc. to UL/CSA; IEC 60332-1-2; IEC 60332-2-2)
- Halogen free (acc. to EN 50267-2-1)
- Free from silicone, PVC and LABS (acc. to PV3.10.7)
- Particularly resistant to abrasion
- Protection class: IP67, IP69K
- Cable length: 8.0 m

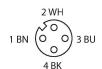
Cable Cross-Section



Contact assignment

Technical data

Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 5 million
Admissible acceleration	max. 10 m/s²
Admissible travel path, horizontal	10 m (at 10 m/s²)
Admissible travel path, vertical	10 m (at 10 m/s²)
Admissible traversing speed	3.3 m/s
Torsional stress	± 180 °/m
Ambient temperature (fixed)	-40+80 °C
Ambient temperature (mobile)	-25+80 °C
Ambient temperature (drag chain)	-25+60 °C
Approvals	cULus



Circuit Diagram

1	BN	
2	WH	
12)	BK	
4)	BU	

Accessories

TORQUE-WRENCH-SET-AS

6936170

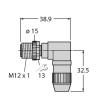
Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)

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





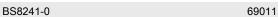
Field-wireable male connector, M12 × 1, angled, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

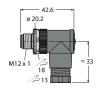
BS8141-0

M12 x 1

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

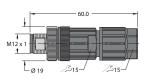




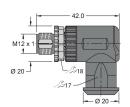
Field-wireable connector, M12 × 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw

FW-ERSPM0426-SA-P-0408

100002048



Field-wireable male 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 retaining screw Field-wireable male 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 retaining screw



FW-EWSPM0416-SA-S-0408

Field-wireable male 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 retaining screw

Accessories

Dimension drawing

Type

LABEL-HOLDER-FLEX-PVC

100048170

PVC label holder for identification of extension cables (TEL/TXL product extension) for earlier times to the diameters with Employee.



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