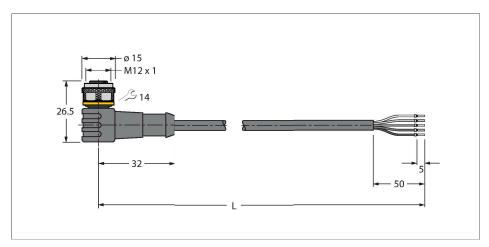


WKC5T-P7X3-5/TXO Actuator and Sensor Cable, PUR – Connection Cable



Technical data

ID	Туре	WKC5T-P7X3-5/TXO		
Connector A Number of Pins 4+PE Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Translucent Coupling nut/screw Brass, CuZn, Nickel-plated Seal Plastic, FPM/FKM LED display triple LED Display operating voltage LED, Green Display switch state LED, Yellow/yellow Mechanical lifespan Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	ID	6628791		
Number of Pins Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Translucent Coupling nut/screw Brass, CuZn, Nickel-plated Seal Plastic, FPM/FKM LED display triple LED Display operating voltage LED, Green Display switch state LED, Yellow/yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _∞	Remark to product	!!! Pin 5 = PE !!!		
Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Translucent Coupling nut/screw Brass, CuZn, Nickel-plated Seal Plastic, FPM/FKM LED display triple LED Display operating voltage LED, Green Display switch state LED, Yellow/yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Connector A	Female, M12 × 1, Angled, A-coded		
Contact carriers Connector body Plastic, TPU, Black Coupling nut/screw Brass, CuZn, Nickel-plated Seal Plastic, FPM/FKM LED display triple LED Display operating voltage Display switch state LED, Yellow/yellow Mechanical lifespan Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section Arrangement of strands Cate of Cable Section BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage Plastic, TPU, Black Plastic, TPU, Translucent LED, Yellow/yellow 4.8 mm ±0.20 Solution PP Core colors BN, WH, BU, BK, GNYE	Number of Pins	4+PE		
Connector body Coupling nut/screw Brass, CuZn, Nickel-plated Seal Plastic, FPM/FKM LED display Display operating voltage LED, Green Display switch state LED, Yellow/yellow Mechanical lifespan Pollution degree 3 Protection class Protection class Cable diameter Cable length Cable jacket PUR, Orange Core insulation PP Core cross-section Arrangement of strands Catle lectrical properties at +20 °C Rated voltage Plastic, TPU, Translucent Brass, CuZn, Nickel-plated Brast, CuZn, Ni	Contacts	Brass, CuZn, Gold-plated		
Coupling nut/screw Brass, CuZn, Nickel-plated Seal Plastic, FPM/FKM LED display triple LED Display operating voltage LED, Green Display switch state LED, Yellow/yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage	Contact carriers	Plastic, TPU, Black		
Seal Plastic, FPM/FKM LED display triple LED Display operating voltage LED, Green Display switch state LED, Yellow/yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Connector body	Plastic, TPU, Translucent		
LED display triple LED Display operating voltage LED, Green Display switch state LED, Yellow/yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Coupling nut/screw	Brass, CuZn, Nickel-plated		
Display operating voltage Display switch state LED, Yellow/yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Seal	Plastic, FPM/FKM		
Display switch state LED, Yellow/yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable	LED display	triple LED		
Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Display operating voltage	LED, Green		
Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Display switch state	LED, Yellow/yellow		
Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Mechanical lifespan	> 100 Mating cycles		
Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Pollution degree	3		
Cable diameter \emptyset 4.8 mm \pm 0.20Cable length5 mCable jacketPUR, OrangeCore insulationPPCore cross-section $5 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BK, GNYEElectrical properties at $+20 ^{\circ}\text{C}$ Rated voltage 30V_{DC}	Protection class	IP67, IP69K, Only in screwed condition		
Cable length 5 m Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V₂c	Cable			
Cable jacket PUR, Orange Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Cable diameter	Ø 4.8 mm ±0.20		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Cable length	5 m		
Core cross-section $5 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V_{DC}	Cable jacket	PUR, Orange		
Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V_{DC}	Core insulation	PP		
Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 30 V _{DC}	Core cross-section	5 x 0.34 mm²		
Electrical properties at +20 °C Rated voltage 30 V _{DC}	Arrangement of strands	42 x 0.1 mm		
Rated voltage 30 V _{DC}	Core colors	BN, WH, BU, BK, GNYE		
	Electrical properties at +20 °C			
Test voltage 2000 V	Rated voltage	30 V _{DC}		
	Test voltage	2000 V		

Features















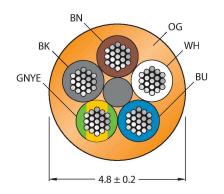




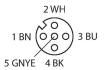


- ■Female M12, angled, 4-pin + PE
- ■With 3-color LED (PNP, yellow, yellow, green)
- ■Jacket material: PUR
- Jacket color: orange
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- Resistant to welding sparks
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Protection class: IP67, IP69K
- ■Cable length: 5.0 m

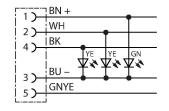
Cable Cross-Section



Contact assignment



Circuit Diagram



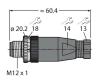
TURCK

Technical data

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
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 range (stationary)	-50+80 °C
Ambient temperature range (In motion)	-25+80 °C
Ambient temperature during drag chain operation	-25+60 °C
Approvals	cULus

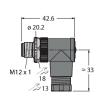
Accessories

BS8151-0 6904611



Field-wireable male connector, M12 × 1, straight, 5-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

BS8251-0

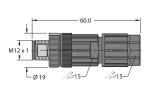


Field-wireable male connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw

6904612

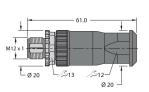
FW-ERSPM0526-SA-P-0408

100002535



Field-wireable male connector, M12 × 1, straight, 5-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

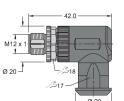
FW-ERSPM0516-SA-S-0408



Field-wireable male connector, M12 × 1, straight, 5-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-EWSPM0516-SA-S-0408

100002291



Field-wireable male connector, M12 × 1, angled, 5-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

TORQUE-WRENCH-SET-AS

6936170

100002289

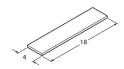
Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)



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	Туре	ID	
	I AREL-HOLDER-ELEY-DVC	100048170	DVC 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