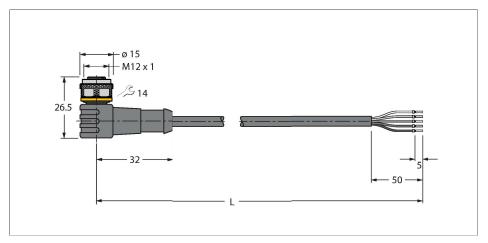
WKC5T-P7X3-10/TXL| 01-03-2023 12-04 | Technical modifications reserved

WKC5T-P7X3-10/TXL Actuator and Sensor Cable, PUR – Connection Cable





Technical data

Remark to product A+PE Remale, M12 × 1, Angled, A-coded Remark to product Remark to product A+PE Remark to product A+PE Remark to product	Туре	WKC5T-P7X3-10/TXL
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 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 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	ID	6626096
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 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 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	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 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 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	Connector A	Female, M12 × 1, Angled, A-coded
Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Translucent Coupling nut/screw Brass, CuZn, Nickel-plated Seal Plastic, FPM/FKM 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 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	Number of Pins	4+PE
Connector body Plastic, TPU, Translucent Coupling nut/screw Brass, CuZn, Nickel-plated Plastic, FPM/FKM 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 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	Contacts	Brass, CuZn, Gold-plated
Coupling nut/screw Seal Plastic, FPM/FKM 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 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands Plastic, FPM/FKM LED, Yellow/Yellow All Display switch state LED, Yellow/Yellow A promoved to make the policy of the promoved state of t	Contact carriers	Plastic, TPU, Black
SealPlastic, FPM/FKMDisplay operating voltageLED, GreenDisplay switch stateLED, Yellow/YellowMechanical lifespan> 100 Mating cyclesPollution degree3Protection classIP67, IP69K, Only in screwed conditionCableCable diameterØ 5.5 mm ±0.20Cable length10 mCable jacketPUR, BlackCore insulationPPCore cross-section5 x 0.34 mm²Arrangement of strands42 x 0.1 mm	Connector body	Plastic, TPU, Translucent
Display operating voltageLED, GreenDisplay switch stateLED, Yellow/YellowMechanical lifespan> 100 Mating cyclesPollution degree3Protection classIP67, IP69K, Only in screwed conditionCableCable diameterØ 5.5 mm ±0.20Cable length10 mCable jacketPUR, BlackCore insulationPPCore cross-section5 x 0.34 mm²Arrangement of strands42 x 0.1 mm	Coupling nut/screw	Brass, CuZn, Nickel-plated
Display switch state LED, Yellow/Yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Ø 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	Seal	Plastic, FPM/FKM
Mechanical lifespan> 100 Mating cyclesPollution degree3Protection classIP67, IP69K, Only in screwed conditionCableOscile to the condition of the condition	Display operating voltage	LED, Green
Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	Display switch state	LED, Yellow/Yellow
Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	Mechanical lifespan	> 100 Mating cycles
CableCable diameterØ 5.5 mm ±0.20Cable length10 mCable jacketPUR, BlackCore insulationPPCore cross-section5 x 0.34 mm²Arrangement of strands42 x 0.1 mm	Pollution degree	3
Cable diameter Ø 5.5 mm ±0.20 Cable length 10 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	Protection class	IP67, IP69K, Only in screwed condition
Cable length10 mCable jacketPUR, BlackCore insulationPPCore cross-section5 x 0.34 mm²Arrangement of strands42 x 0.1 mm	Cable	
Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	Cable diameter	Ø 5.5 mm ±0.20
Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm	Cable length	10 m
Core cross-section 5 x 0.34 mm ² Arrangement of strands 42 x 0.1 mm	Cable jacket	PUR, Black
Arrangement of strands 42 x 0.1 mm	Core insulation	PP
	Core cross-section	5 x 0.34 mm ²
D1 14/11 D11 D14 O11/5	Arrangement of strands	42 x 0.1 mm
Core colors BN, WH, BU, BK, GNYE	Core colors	BN, WH, BU, BK, GNYE
Electrical properties at +20 °C	Electrical properties at +20 °C	
Rated voltage 30 V _{DC}	Rated voltage	30 V _{DC}
Test voltage 2000 V	Test voltage	2000 V
Current 4 A	Current	4 A

Features











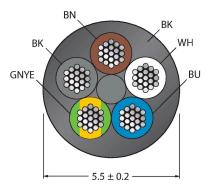






- Female M12, angled, 4-pin + PE
- With 3-color LED (PNP, yellow, yellow, green)
- ■Jacket material: PUR
- ■Jacket color: black
- ■Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- ■Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- Resistant to welding sparks
- Free from halogen, silicone, PVC and LABS
- ■Particularly resistant to abrasion
- ■Protection class: IP67, IP69K
- Cable length: 10 m

Cable Cross-Section

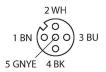


Contact assignment

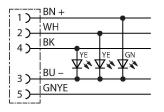
TURCK

Technical data

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

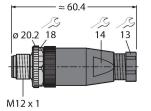


Circuit Diagram



Accessories

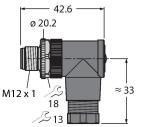
BS8151-0



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

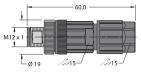
BS8251-0



6904612

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

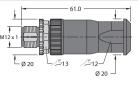
FW-ERSPM0526-SA-P-0408



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

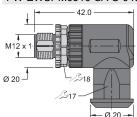
FW-ERSPM0516-SA-S-0408



100002289

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

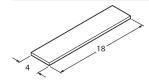


6936170

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





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