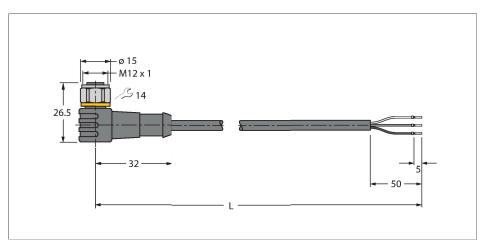


WKCV4T-P7X2-25/TEL Actuator and Sensor Cable, PVC - Connection Cable



Technical data

Connector A Number of pins Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Conpector body Plastic, TPU, Translucent Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM LED display dual LED Display operating voltage LED, Green Display switch state LED, Yellow Mechanical lifespan Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.3 mm ±0.20 Cable length 25 m Cable jacket PVC, Black Core insulation PVC Core cross-section Arrangement of strands Core colors BN, BU, BK Electrical properties at +20 °C Rated voltage 2000 V Current 4 A	Туре	WKCV4T-P7X2-25/TEL		
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Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Translucent Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM LED display dual LED Display operating voltage LED, Green Display switch state LED, Yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.3 mm ±0.20 Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V _{DC} Test voltage 2000 V	Connector A	Female, M12 × 1, Angled, A-coded		
Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Translucent Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM LED display dual LED Display operating voltage LED, Green Display switch state LED, Yellow Mechanical lifespan Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable diameter Cable apacket PVC, Black Core insulation PVC Core cross-section Arrangement of strands Cable BN, BU, BK Electrical properties at +20 °C Rated voltage Test voltage 2000 V	Number of pins	3		
Connector body Plastic, TPU, Translucent Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM LED display dual LED Display operating voltage LED, Green Display switch state LED, Yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 Test voltage 2000 V	Contacts	Brass, CuZn, Gold-plated		
Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM LED display dual LED Display operating voltage LED, Green Display switch state LED, Yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V _{DC} Test voltage 2000 V	Contact carriers	Plastic, TPU, Black		
Seal Plastic, FPM/FKM LED display dual LED Display operating voltage LED, Green Display switch state LED, Yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.3 mm ±0.20 Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V _{DC} Test voltage 2000 V	Connector body	Plastic, TPU, Translucent		
LED display dual LED Display operating voltage LED, Green Display switch state LED, Yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 Test voltage 30 V _{DC} Test voltage 2000 V	Coupling nut/screw	Stainless Steel, V4A		
Display operating voltage LED, Green Display switch state LED, Yellow Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V _{DC} Test voltage 2000 V	Seal	Plastic, FPM/FKM		
Display switch state Mechanical lifespan Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length Cable jacket PVC, Black Core insulation PVC Core cross-section Arrangement of strands Core colors BN, BU, BK Electrical properties at +20 °C Rated voltage Test voltage LED, Yellow Author screwed condition PVC A 3 mm ±0.20 25 m Cable length 25 m Cable jacket PVC, Black PVC Black PVC Save 3 × 0.34 mm² Arrangement of strands 42 × 0.1 mm Core colors BN, BU, BK	LED display	dual LED		
Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable Cable diameter Ø 4.3 mm ±0.20 Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V _{DC} Test voltage 2000 V	Display operating voltage	LED, Green		
Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.3 mm ±0.20 Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V _{DC} Test voltage 2000 V	Display switch state	LED, Yellow		
Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.3 mm ±0.20 Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V _{DC} Test voltage 2000 V	Mechanical lifespan	> 100 Mating cycles		
Cable Cable diameter Ø 4.3 mm ±0.20 Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V _{DC} Test voltage 2000 V	Pollution degree	3		
Cable diameter Ø 4.3 mm ±0.20 Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V₂₀c Test voltage 2000 V	Protection class	IP67, IP69K, Only in screwed condition		
Cable length 25 m Cable jacket PVC, Black Core insulation PVC 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 30 V₂₀ Test voltage 2000 V	Cable			
Cable jacket PVC, Black Core insulation PVC 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 30 V _{DC} Test voltage 2000 V	Cable diameter	Ø 4.3 mm ±0.20		
Core insulationPVCCore cross-section $3 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, BU, BKElectrical properties at +20 °CRated voltage 30 V_{DC} Test voltage 2000 V	Cable length	25 m		
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 30 V₀c Test voltage 2000 V	Cable jacket	PVC, Black		
Arrangement of strands 42 x 0.1 mm Core colors BN, BU, BK Electrical properties at +20 °C Rated voltage 30 V _{DC} Test voltage 2000 V	Core insulation	PVC		
Core colors BN, BU, BK Electrical properties at +20 °C Rated voltage 30 V _{DC} Test voltage 2000 V	Core cross-section	3 x 0.34 mm²		
Electrical properties at +20 °C Rated voltage 30 V _{DC} Test voltage 2000 V	Arrangement of strands	42 x 0.1 mm		
Rated voltage 30 V _{pc} Test voltage 2000 V	Core colors	BN, BU, BK		
Test voltage 2000 V	Electrical properties at +20 °C			
	Rated voltage	30 V _{DC}		
Current 4 A	Test voltage	2000 V		
	Current	4 A		

Features













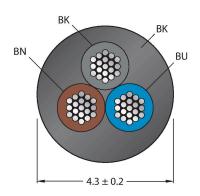






- Female M12, angled, 3-pin
- ■With 2-color LED (PNP, yellow, green)
- Stainless steel coupling nut/screw
- ■Jacket material: PVC
- Jacket color: black
- Resistant to chemicals and oils
- ■Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- ■LABS free
- Protection class: IP67, IP69K
- Cable length: 25 m

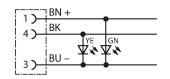
Cable Cross-Section



Contact assignment



Circuit Diagram





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
Ambient temperature (fixed)	-40+105 °C
Ambient temperature (mobile)	-5+80 °C
Approvals	cULus

Accessories

HAS8141-0 6905406

≈ 46.8 0 15.3 /3 14 M12 x1 13 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



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

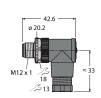
6905400

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



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

69011

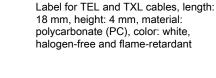
6936206

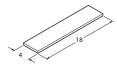
TORQUE-WRENCH-SET-AS

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





Accessories

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



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