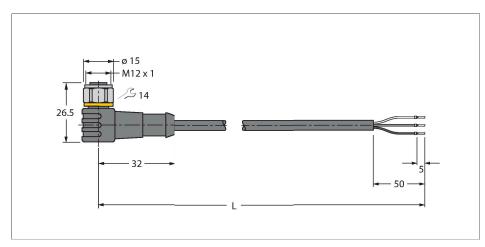


WKCV4T-P7X2-40/TEL Actuator and Sensor Cable, PVC – Connection Cable



Technical data

ID 6625495 Connector A Female, M12 × 1, Angled, A-coded Number of Pins 3 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 40 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 _{oc} Test voltage 2000 V Current 4 A	Type	WKCV4T-P7X2-40/TEL		
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Contact carriers 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 algacket Core insulation PVC Core cross-section Arrangement of strands Cated voltage Test voltage Plastic, TPU, Translucent Plastic, TPU, Translucent Stainless Steel, V4A Seal Plastic, TPU, Translucet Stainless Steel, V4A Seal Plastic, TPU, Translucet Stainless Steel, V4A Seal Plastic, TPU, Teal Stainless Steel, V4A Seal Stainless Steel, V4A Seal Plastic, TPU, Teal Stainless Steel, V4A Seal Stainless Steel, V4A Seal Stainless Steel Stainl	Number of Pins	3		
Connector body Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM LED display Display operating voltage LED, Green Display switch state Mechanical lifespan Pollution degree Cable Cable diameter Cable length Cable jacket Core insulation PVC Core cross-section Arrangement of strands Cable word in the properties at +20 °C Rated voltage Plastic, TPU, Translucent Stainless Steel, V4A Seal Plastic, FPM/FKM dual LED LED, Green LED, Yellow LED, Yellow Mechanical lifespan > 100 Mating cycles 3 IP67, IP69K, Only in screwed condition Cable 40 m Cable diameter Ø 4.3 mm ±0.20 Cable length 40 m Cable jacket PVC, Black Core insulation PVC Core cross-section 3 x 0.34 mm² 42 x 0.1 mm Core colors BN, BU, BK Electrical properties at +20 °C Rated voltage 30 V₀c Test voltage	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 40 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 V₀c 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 40 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 Ø 4.3 mm ±0.20 Cable length 40 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 V₀c Test voltage 2000 V	Coupling nut/screw	Stainless Steel, V4A		
Display operating voltage 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 40 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	Seal	Plastic, FPM/FKM		
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 40 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 _∞ Test voltage 2000 V	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 40 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 40 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 40 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 40 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 40 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 V₀c Test voltage 2000 V	Protection class	IP67, IP69K, Only in screwed condition		
Cable length 40 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	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	40 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 V _{DC} 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 _{DC} 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











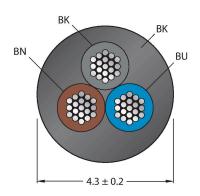




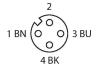


- Female M12, angled, 3-pin
- ■With 2-color LED (PNP, yellow, green)
- Stainless steel coupling nut/screw
- ■Jacket material: PVC
- Jacket color: black
- Resistant to chemicals and oils
- ■Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- ■LABS free
- Protection class: IP67, IP69K
- Cable length: 40 m

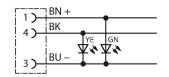
Cable Cross-Section



Contact assignment



Circuit Diagram





Technical data

Insulation resistance	> 30.5 M Ω /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 range (stationary)	-40+105 °C
Ambient temperature range (In motion)	-5+80 °C
Approvals	cULus

Accessories

HAS8141-0 6905406

≈ 46.8 0 15.3 /3 14 M12×1 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

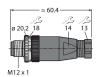
HAS8241-0



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

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



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