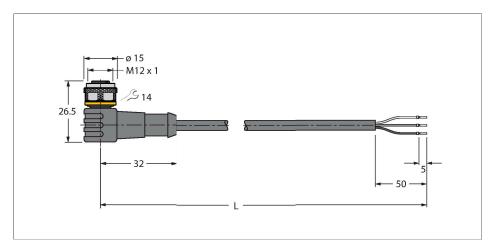
WKC4T-P7X2-40/TEL| 12-11-2023 16-31 | Technical modifications reserved

WKC4T-P7X2-40/TEL Actuator and Sensor Cable, PVC – Connection Cable





Technical data

ID 6627762 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 Brass, CuZn, Nickel-plated 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 Vns.	Туре	WKC4T-P7X2-40/TEL
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LED display operating voltage Display switch state LED, Green LED, Yellow Mechanical lifespan Pollution degree 3 Protection class Protection class	Coupling nut/screw	Brass, CuZn, Nickel-plated
Display operating voltage 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 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	Seal	Plastic, FPM/FKM
Display switch state Mechanical lifespan 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	LED display	dual LED
Mechanical lifespan> 100 Mating cyclesPollution degree3Protection classIP67, IP69K, Only in screwed conditionCableCable diameterCable length40 mCable jacketPVC, BlackCore insulationPVCCore cross-section3 x 0.34 mm²Arrangement of strands42 x 0.1 mmCore colorsBN, BU, BKElectrical properties at +20 °C	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	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	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	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	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	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	Cable diameter	Ø 4.3 mm ±0.20
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	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	Cable jacket	PVC, Black
Arrangement of strands 42 x 0.1 mm Core colors BN, BU, BK Electrical properties at +20 °C	Core insulation	PVC
Core colors BN, BU, BK Electrical properties at +20 °C	Core cross-section	3 x 0.34 mm²
Electrical properties at +20 °C	Arrangement of strands	42 x 0.1 mm
• •	Core colors	BN, BU, BK
Rated voltage 30 V _{nc}	Electrical properties at +20 °C	
	Rated voltage	30 V _{DC}
Test voltage 2000 V	Test voltage	2000 V
Current 4 A	Current	4 A

Features









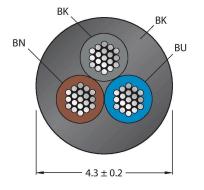






- Female M12, angled, 3-pin
- ■With 2-color LED (PNP, yellow, green)
- Jacket material: PVC
- ■Jacket color: black
- Resistant to chemicals and oils
- ■Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- ■LABS free
- ■Protection class: IP67, IP69K
- Cable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

Cable Cross-Section



Contact assignment

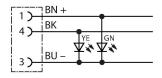


Technical data

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 range (stationary)	-40+105 °C
Ambient temperature range (In motion)	-5+80 °C
Approvals	cULus



Circuit Diagram



Accessories

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

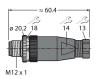
HAS8241-0



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

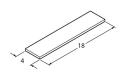
6936170

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

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 Type ID

LABEL-HOLDER-FLEX-PVC 100048170



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