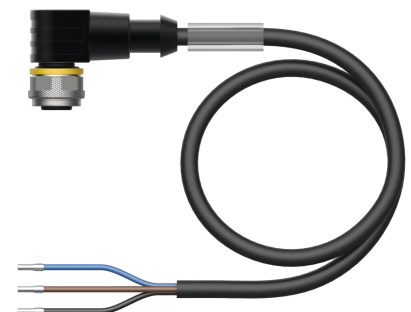


WKC4T-0.3/TEL

Actuator and Sensor Cable, PVC – Connection Cable



Technical data

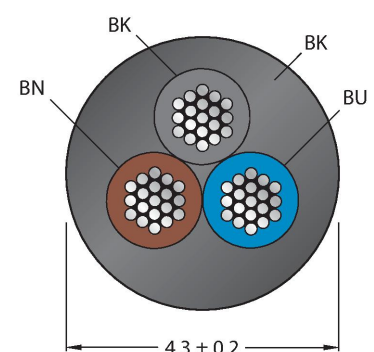
Type	WKC4T-0.3/TEL
ID	6631019
Connector A	Female, M12 × 1, Angled, A-coded
Number of pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Cable	
Cable diameter	Ø 4.3 mm ±0.20
Cable length	0.3 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	250 V
Test voltage	2000 V
Current	4 A
Insulation resistance	> 30.5 MΩ/km
forward resistance	max. 57 Ω/km

Features



- Female M12, angled, 3-pin
- 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: 0.3 m

Cable Cross-Section



Contact assignment

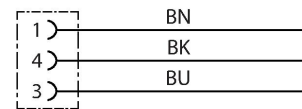


Technical data

Mechanical and chemical properties

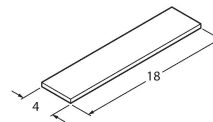
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Ambient temperature (fixed)	-40...+105 °C
Ambient temperature (mobile)	-5...+80 °C
Approvals	cULus

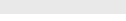
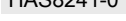
Circuit Diagram

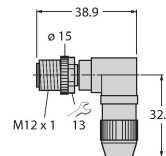
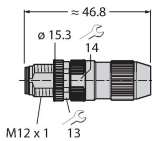


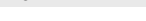
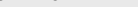
Accessories

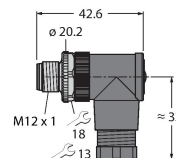
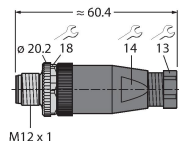
TORQUE-WRENCH-SET-AS	6936170	BLANK-LABEL-FOR-CORDSETS-TEL-TXL	6936206
Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)		Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant	



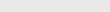
HAS8141-0	6905406	HAS8241-0	6905400
 Technical drawing of the HAS8141-0 connector. It shows a side view of the connector with dimensions: a length of approximately 46.8 mm, an outer diameter of 15.3 mm, and a pin diameter of 1.4 mm. A note indicates a cable feedthrough range of 4.0 to 5.1 mm.	Field-wireable 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	 Technical drawing of the HAS8241-0 connector. It shows a side view of the connector with dimensions: a length of 38.9 mm and an outer diameter of 15 mm. A note indicates a cable feedthrough range of 4.0 to 5.1 mm.	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



BS8141-0	69010	BS8241-0	69011
 Technical drawing of the BS8141-0 connector. It shows a side view of a cylindrical component with a threaded section on the left and a terminal block on the right. Dimensions include a total length of 60.4, a diameter of 20.2, and terminal positions 18, 14, and 13.	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	 Technical drawing of the BS8241-0 connector. It shows a side view of a cylindrical component with a threaded section on the left and a terminal block on the right. Dimensions include a total length of 42.6, a diameter of 20.2, and a terminal position of 33.	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



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

