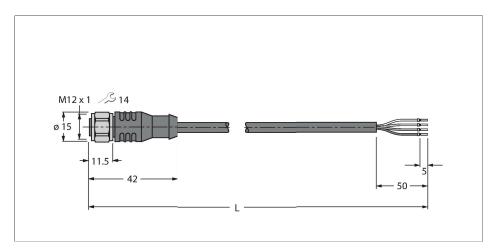
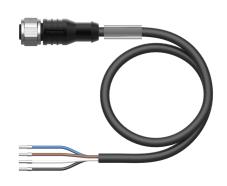


RKCV4.4T-6/TEL Actuator and Sensor Cable, PVC – Connection Cable





Technical data

ID 6626264 Connector A Female, M12 × 1, Straight, A-coded Number of Pins 4 Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Black Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.6 mm ±0.20 Cable length 6 m Cable jacket PVC, Black Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V Test voltage 2000 V	Type	RKCV4.4T-6/TEL		
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Contact carriers Connector body Plastic, TPU, Black Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM Mechanical lifespan Pollution degree 3 Protection class Protection class Protection class Pollution Cable Cable diameter Cable length Cable jacket PVC, Black Core insulation PVC Core cross-section Arrangement of strands Cable length Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage Plastic, TPU, Black Stainless Steel, V4A Seal Plastic, TPU, Black Only in screwed condition P 4 4.6 mm ±0.20 6 m Cable length 6 m Cable jacket PVC, Black Core colors BN, WH, BU, BK	Number of Pins	4		
Connector body Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM Mechanical lifespan Pollution degree 3 Protection class Protection class Pollution degree Cable Cable diameter Cable length Cable jacket Core insulation PVC Core cross-section Arrangement of strands Cate of Cable BN, WH, BU, BK Electrical properties at +20 °C Rated voltage Plastic, TPU, Black Plack Plack Plastic, FPM/FKM At All Mating cycles 3 Protection dating cycles 3 Protection class IP67, IP69K, Only in screwed condition 6 m Cable diameter Ø 4.6 mm ±0.20 6 m PVC, Black Core insulation PVC Core cross-section A x 0.34 mm² Arrangement of strands All X v 0.1 mm Core colors BN, WH, BU, BK	Contacts	Brass, CuZn, Gold-plated		
Coupling nut/screw Stainless Steel, V4A Seal Plastic, FPM/FKM Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.6 mm ±0.20 Cable length 6 m Cable jacket PVC, Black Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Contact carriers	Plastic, TPU, Black		
Seal Plastic, FPM/FKM Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.6 mm ±0.20 Cable length 6 m Cable jacket PVC, Black Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Connector body	Plastic, TPU, Black		
Mechanical lifespan> 100 Mating cyclesPollution degree3Protection classIP67, IP69K, Only in screwed conditionCableCable diameterCable length6 mCable jacketPVC, BlackCore insulationPVCCore cross-section4 x 0.34 mm²Arrangement of strands42 x 0.1 mmCore colorsBN, WH, BU, BKElectrical properties at +20 °CRated voltage250 V	Coupling nut/screw	Stainless Steel, V4A		
Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.6 mm ±0.20 Cable length 6 m Cable jacket PVC, Black Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Seal	Plastic, FPM/FKM		
Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.6 mm ±0.20 Cable length 6 m Cable jacket PVC, Black Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Mechanical lifespan	> 100 Mating cycles		
Cable Cable diameter Ø 4.6 mm ±0.20 Cable length 6 m Cable jacket PVC, Black Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Pollution degree	3		
Cable diameter Ø 4.6 mm ±0.20 Cable length 6 m Cable jacket PVC, Black Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Protection class	IP67, IP69K, Only in screwed condition		
Cable length 6 m Cable jacket PVC, Black Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Cable			
Cable jacket PVC, Black Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Cable diameter	Ø 4.6 mm ±0.20		
Core insulation PVC Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Cable length	6 m		
Core cross-section 4 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Cable jacket	PVC, Black		
Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Core insulation	PVC		
Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V	Core cross-section	4 x 0.34 mm²		
Electrical properties at +20 °C Rated voltage 250 V	Arrangement of strands	42 x 0.1 mm		
Rated voltage 250 V	Core colors	BN, WH, BU, BK		
	Electrical properties at +20 °C			
Test voltage 2000 V	Rated voltage	250 V		
2000 1	Test voltage	2000 V		
Current 4 A	Current	4 A		
Insulation resistance > 30.5 $M\Omega/km$	Insulation resistance	> 30.5 MΩ/km		
forward resistance max. 57 Ω/km	forward resistance	max. 57 Ω/km		

Features









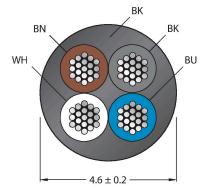






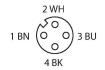
- Female M12, straight, 4-pin
- Stainless steel coupling nut/screw
- ■Jacket material: PVC
- ■Jacket color: black
- Resistant to chemicals and oils
- ■Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- ■LABS free
- ■Protection class: IP67, IP69K
- ■Cable length: 6.0 m

Cable Cross-Section



Contact assignment

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

	BN	
2)	WH	
! T.S. i	BK	
4)	BU	

Accessories

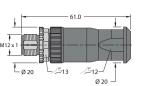
FW-ERSPM0426-SA-P-0408

100002048

Field-wireable male connector, M12 × 1, straight, 4-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-ERSPM0416-SA-S-0408

100002288



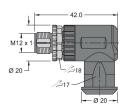
Field-wireable male connector, M12 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal retaining screw

FW-EWSPM0416-SA-S-0408

100002290

TORQUE-WRENCH-SET-AS

6936170



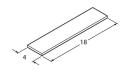
Field-wireable male connector, M12 × 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal retaining screw

Torque wrench set; 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