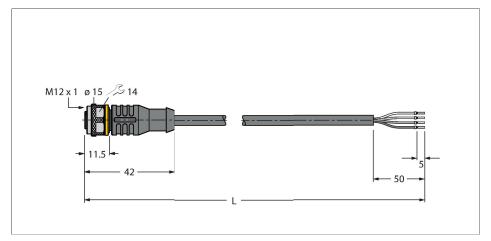
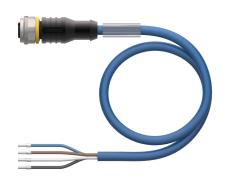


RKC4.441T-6/TEB Actuator and Sensor Cable, PVC – Connection Cable





Technical data

ID 6628477 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 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 4.6 mm ±0.20 Cable length 6 m Cable jacket PVC, Blue 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 Current 4 A Insulation resistance max. 57 Ω/km Nom. capacitance 0.49 pF/m	Туре	RKC4.441T-6/TEB		
Number of Pins 4 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 Cable elength 6 m Cable jacket PVC, Blue 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 Current 4 A Insulation resistance > 30.5 MΩ/km forward resistance max. 57 Ω/km	ID	6628477		
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 Cable length 6 m Cable jacket PVC, Blue 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 Current 4 A Insulation resistance > 30.5 MΩ/km forward resistance max. 57 Ω/km	Connector A	Female, M12 × 1, Straight, A-coded		
Contact carriers 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 4.6 mm ±0.20 Cable length 6 m Cable jacket PVC, Blue 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 Current 4 A Insulation resistance max. 57 Ω/km	Number of Pins	4		
Connector bodyPlastic, TPU, BlackCoupling nut/screwBrass, CuZn, Nickel-platedSealPlastic, FPM/FKMMechanical lifespan> 100 Mating cyclesPollution degree3Protection classIP67, IP69K, Only in screwed conditionCableCable diameterCable diameterØ 4.6 mm ±0.20Cable jacketPVC, BlueCore insulationPVCCore cross-section4 x 0.34 mm²Arrangement of strands42 x 0.1 mmCore colorsBN, WH, BU, BKElectrical properties at +20 °CRated voltage250 VTest voltage2000 VCurrent4 AInsulation resistance> 30.5 MΩ/kmforward resistancemax. 57 Ω/km	Contacts	Brass, CuZn, Gold-plated		
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 Cable length 6 m Cable jacket PVC, Blue 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 Current 4 A Insulation resistance > 30.5 MΩ/km forward resistance max. 57 Ω/km	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 Cable length 6 m Cable jacket PVC, Blue 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 Current 4 A Insulation resistance > 30.5 MΩ/km forward resistance max. 57 Ω/km	Connector body	Plastic, TPU, Black		
Mechanical lifespan> 100 Mating cyclesPollution degree3Protection classIP67, IP69K, Only in screwed conditionCableCable diameterØ 4.6 mm ±0.20Cable length6 mCable jacketPVC, BlueCore insulationPVCCore cross-section4 x 0.34 mm²Arrangement of strands42 x 0.1 mmCore colorsBN, WH, BU, BKElectrical properties at +20 °CRated voltage250 VTest voltage2000 VCurrent4 AInsulation resistance> 30.5 MΩ/kmforward resistancemax. 57 Ω/km	Coupling nut/screw	Brass, CuZn, Nickel-plated		
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, Blue 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 Current 4 A Insulation resistance > 30.5 MΩ/km forward resistance max. 57 Ω/km	Seal	Plastic, FPM/FKM		
Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter \emptyset 4.6 mm \pm 0.20 Cable length 6 m Cable jacket PVC, Blue Core insulation PVC Core cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK Electrical properties at $+20 ^{\circ}\text{C}$ Rated voltage $250 ^{\circ}\text{V}$ Test voltage $2000 ^{\circ}\text{V}$ Current $4 ^{\circ}\text{A}$ Insulation resistance $\Rightarrow 30.5 ^{\circ}\text{M}\Omega/\text{km}$ forward resistance $max. 57 ^{\circ}\Omega/\text{km}$	Mechanical lifespan	> 100 Mating cycles		
CableCable diameterØ 4.6 mm ±0.20Cable length6 mCable jacketPVC, BlueCore insulationPVCCore cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BKElectrical properties at +20 °CRated voltage 250 V Test voltage 2000 V Current 4 A Insulation resistance> $30.5 \text{ M}\Omega/\text{km}$ forward resistancemax. $57 \Omega/\text{km}$	Pollution degree	3		
Cable diameter \emptyset 4.6 mm \pm 0.20Cable length6 mCable jacketPVC, BlueCore insulationPVCCore cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BKElectrical properties at $+20 ^{\circ}\text{C}$ Rated voltage $250 ^{\circ}\text{V}$ Test voltage $2000 ^{\circ}\text{V}$ Current $4 ^{\circ}\text{A}$ Insulation resistance $> 30.5 ^{\circ}\text{M}\Omega/\text{km}$ forward resistance $max. 57 ^{\circ}\Omega/\text{km}$	Protection class	IP67, IP69K, Only in screwed condition		
Cable length6 mCable jacketPVC, BlueCore insulationPVCCore cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BKElectrical properties at +20 °CRated voltage 250 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$ forward resistance $max. 57 \Omega/\text{km}$	Cable			
Cable jacketPVC, BlueCore insulationPVCCore cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BKElectrical properties at +20 °CRated voltage 250 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$ forward resistance $max. 57 \Omega/\text{km}$	Cable diameter	Ø 4.6 mm ±0.20		
Core insulation PVC Core cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$ forward resistance $\text{max. } 57 \Omega/\text{km}$	Cable length	6 m		
Core cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BKElectrical properties at +20 °CRated voltage 250 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$ forward resistance $max. 57 \Omega/\text{km}$	Cable jacket	PVC, Blue		
Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$ forward resistance $max. 57 \Omega/\text{km}$	Core insulation	PVC		
Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 250 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$ forward resistance max. $57 \Omega/\text{km}$	Core cross-section	4 x 0.34 mm²		
Electrical properties at +20 °C Rated voltage 250 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$ forward resistance max. $57 \Omega/\text{km}$	Arrangement of strands	42 x 0.1 mm		
Rated voltage 250 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$ forward resistance $max. 57 \Omega/\text{km}$	Core colors	BN, WH, BU, BK		
Test voltage 2000 V Current 4 A Insulation resistance > 30.5 M Ω /km forward resistance max. 57 Ω /km	Electrical properties at +20 °C			
Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$ forward resistance max. $57 \Omega/\text{km}$	Rated voltage	250 V		
Insulation resistance > 30.5 M Ω /km forward resistance max. 57 Ω /km	Test voltage	2000 V		
forward resistance max. 57 Ω/km	Current	4 A		
	Insulation resistance	> 30.5 MΩ/km		
Nom. capacitance 0.49 pF/m	forward resistance	max. 57 Ω/km		
	Nom. capacitance	0.49 pF/m		

Features











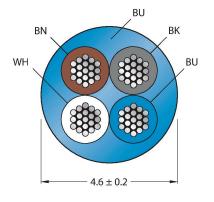




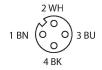


- Female M12, straight, 4-pin
- ■Jacket material: PVC
- ■Jacket color: blue
- ■Flame retardant
- Resistant to chemicals and oils
- Resistant to microbes and hydrolysis
- ■LABS free
- Protection class: IP67, IP69K
- ■Cable length: 6.0 m

Cable Cross-Section



Contact assignment





Technical data

Nom. Inductance	1.08 mH/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)	0+80 °C
Approvals	cULus

Circuit Diagram

1	BN	
2)	WH	
! [[i	BK	
4)	BU	

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





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

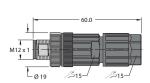


Field-wireable connector, M12 × 1, angled, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw

69011

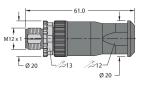
FW-ERSPM0426-SA-P-0408

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



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

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-AS

6936170

100002288

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	Туре	ID	
	I AREL-HOLDER-ELEY-DVC	100048170	DVC 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