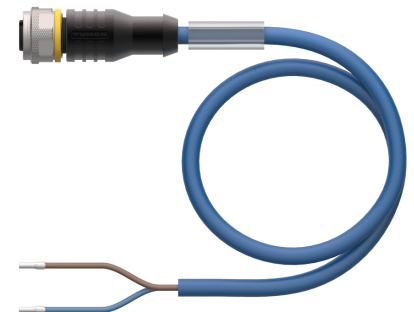
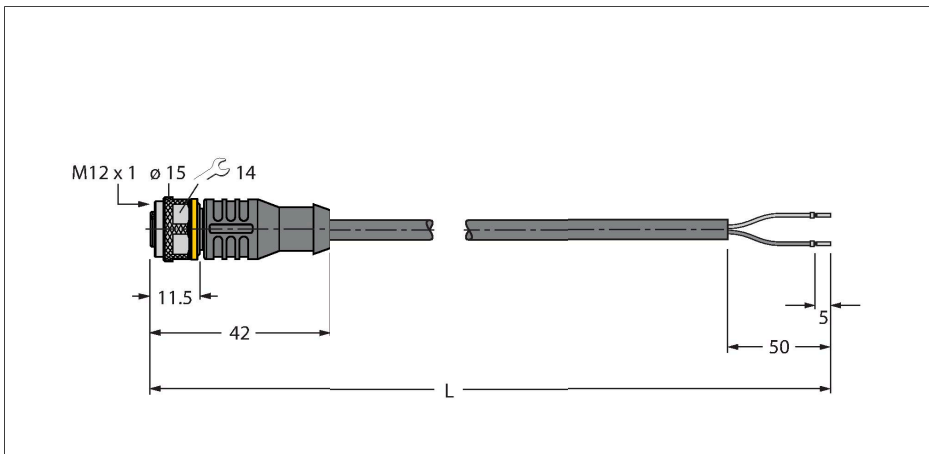


# RKC4.221T-10/TEB

## Actuator and Sensor Cable, PVC – Connection Cable



### Technical data

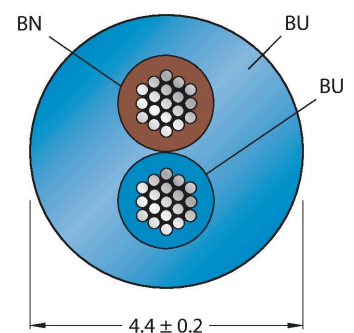
Type	RKC4.221T-10/TEB
ID	6628422
Connector A	Female, M12 × 1, Straight, A-coded
Number of Pins	2
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
<b>Cable</b>	
Cable diameter	Ø 4.4 mm ±0.20
Cable length	10 m
Cable jacket	PVC, Blue
Core insulation	PVC
Core cross-section	2 x 0.5 mm <sup>2</sup>
Arrangement of strands	64 x 0.1 mm
Core colors	BN, BU
<b>Electrical properties at +20 °C</b>	
Rated voltage	250 V
Test voltage	2000 V
Current	4 A
Insulation resistance	> 30.5 MΩ/km
forward resistance	max. 57 Ω/km
Nom. capacitance	0.89 pF/m

### Features

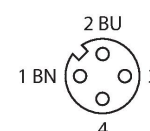


- Female M12, straight, 2-pin
- Jacket material: PVC
- Jacket color: blue
- Flame retardant
- Resistant to chemicals and oils
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 10 m

### Cable Cross-Section



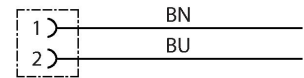
### Contact assignment



## Technical data

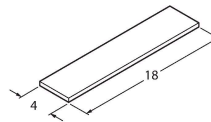
Nom. Inductance	1.25 mH/km
<b>Mechanical and chemical properties</b>	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Ambient temperature range (stationary)	-40...+105 °C
Ambient temperature range (In motion)	0...+80 °C
Approvals	cULus

## Circuit Diagram

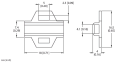


## Accessories

<b>TORQUE-WRENCH-SET-AS</b>	<b>6936170</b>	<b>BLANK-LABEL-FOR-CORDSETS-TEL-TXL</b>	<b>6936206</b>
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	



## 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