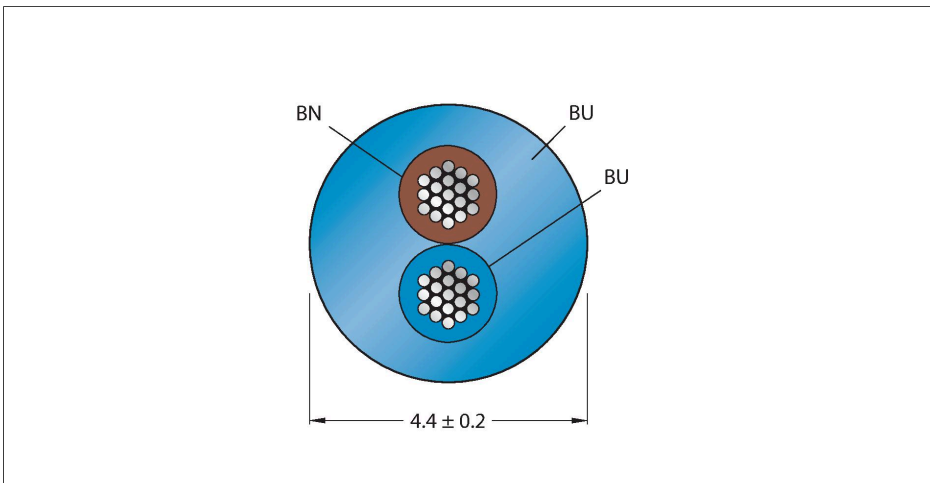


CABLE2X0.50-XX-PUR-BU-100M/TXB

Actuator and Sensor Cable, PUR – Bulk Cable



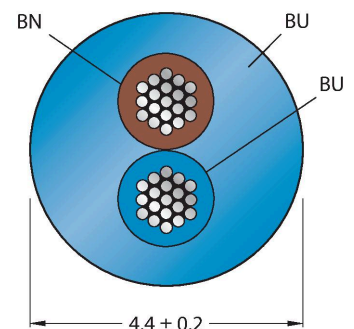
Features

-    
-     
- 2-pin
- Jacket material: PUR
- Jacket color: blue
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- Resistant to welding sparks
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Protection class: IP67, IP69K
- Cable length: 100 m

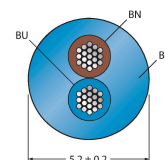
Technical data

Type	CABLE2X0.50-XX-PUR-BU-100M/TXB
ID	6626972
Number of pins	2
Cable	
Cable diameter	$\varnothing 5.2 \text{ mm} \pm 0.20$
Cable length	100 m
Cable jacket	PUR, Blue
Core insulation	PP
Core cross-section	$2 \times 0.5 \text{ mm}^2$
Arrangement of strands	$64 \times 0.1 \text{ mm}$
Core colors	BN, BU
Electrical properties at +20 °C	
Rated voltage	300 V
Test voltage	2000 V
Current	4 A
Insulation resistance	$> 30.5 \text{ M}\Omega/\text{km}$
forward resistance	$\text{max. } 57 \text{ }\Omega/\text{km}$
Mechanical and chemical properties	
Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 10 \times \varnothing$
Bending cycles	$\geq 5 \text{ million}$
Admissible acceleration	$\text{max. } 5 \text{ m/s}^2$
Admissible travel path, horizontal	5 m (at 5 m/s^2)
Admissible travel path, vertical	2 m (at 5 m/s^2)
Admissible traversing speed	3.3 m/s
Torsional stress	$\pm 180 \text{ }^\circ/\text{m}$
Ambient temperature (fixed)	$-50 \dots +80 \text{ }^\circ\text{C}$

Cable Cross-Section



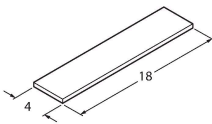
Headline Wiring Diagram



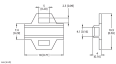
Technical data

Ambient temperature (mobile)	-25...+80 °C
Ambient temperature (drag chain)	-25...+60 °C

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	
			

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