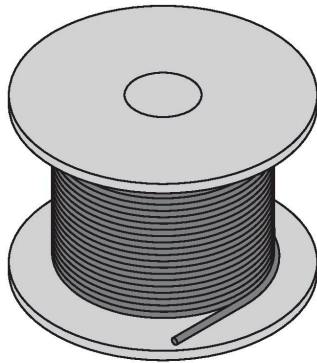


CABLE2X0.50-XX-PUR-BU-100M/TXB

Actuator and Sensor Cable, PUR – Bulk Cable

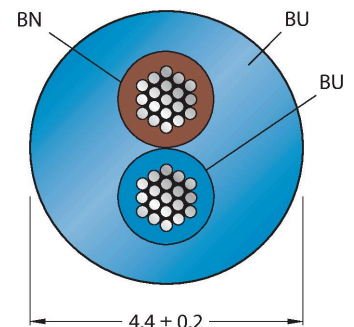


Features

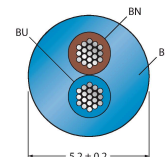


- 2-pin
- Jacket material: PUR
- Jacket color: blue
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- Resistant to welding sparks
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Protection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

Cable Cross-Section



Headline Wiring Diagram



Technical data

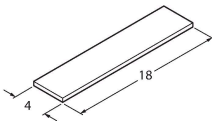
Type	CABLE2X0.50-XX-PUR-BU-100M/TXB
ID	6626972
Number of Pins	2
Cable	
Cable diameter	Ø 5.2 mm ±0.20
Cable length	100 m
Cable jacket	PUR, Blue
Core insulation	PP
Core cross-section	2 x 0.5 mm ²
Arrangement of strands	64 x 0.1 mm
Core colors	BN, BU
Electrical properties at +20 °C	
Rated voltage	300 V
Test voltage	2000 V
Current	4 A
Insulation resistance	> 30.5 MΩ/km
forward resistance	max. 57 Ω/km
Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 5 million
Admissible acceleration	max. 5 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	± 180 °/m
Ambient temperature range (stationary)	-50...+80 °C

Technical data

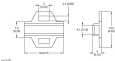
Ambient temperature range (In motion)	-25...+80 °C
Ambient temperature during drag chain operation	-25...+60 °C

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