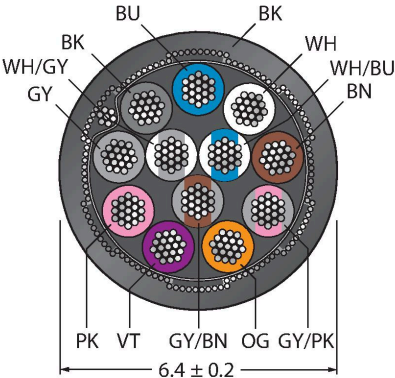


CABLE12X0.14-SH-PUR-BK-500M/TXL

Actuator and Sensor Cable, PUR – Bulk Cable



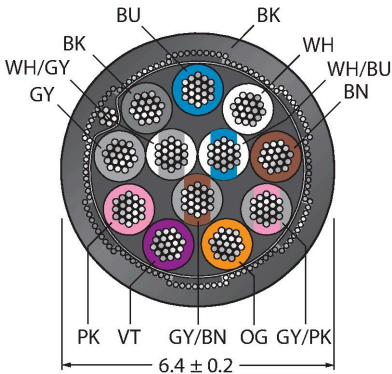
Technical data

Type	CABLE12X0.14-SH-PUR-BK-500M/TXL
ID	6627967
Number of pins	12
Cable	
Cable diameter	Ø 6.6 mm ±0.20
Cable length	500 m
Cable jacket	PUR, Black
Core insulation	PP
Core cross-section	12 x 0.14 mm²
Arrangement of strands	18 x 0.1 mm
Core colors	BN, BU, WH, GN, PK, YE, BK, GY, RD, VT, GY/PK, RD/BU
Electrical properties at +20 °C	
Rated voltage	300 V
Test voltage	2000 V
Current	1.5 A
Insulation resistance	> 30.5 MΩ/km
forward resistance	max. 138 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/s²
Admissible travel path, horizontal	5 m (at 5 m/s²)
Admissible travel path, vertical	2 m (at 5 m/s²)
Admissible traversing speed	3.3 m/s
Torsional stress	± 180 °/m

Features

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- 12-pin
 - Jacket material: PUR, shielded
 - Jacket color: black
 - 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: 500 m

Cable Cross-Section



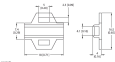
Technical data

Ambient temperature (fixed)	-50...+80 °C
Ambient temperature (mobile)	-25...+80 °C
Ambient temperature (drag chain)	-25...+60 °C

Stranded Wire Colors

Pin	DIN 47100 (old)	DIN EN 60947-5-2 (new)
1	BN	BN
2	BU	WH
3	WH	BU
4	GN	BK
5	PK	GY
6	YE	PK
7	BK	VT
8	GY	OG
9	RD	GY/PK
10	VT	WH/BU
11	GY/PK	WH/GY
12	RD/BU	GY/BN

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