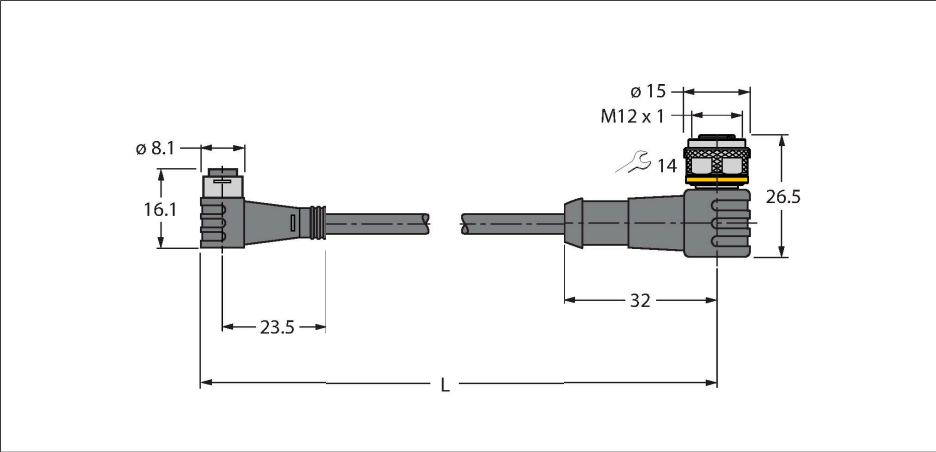


PKW4S-0.3-WKC4.4T/TXL

Actuator and Sensor Cable, PUR – Extension Cable



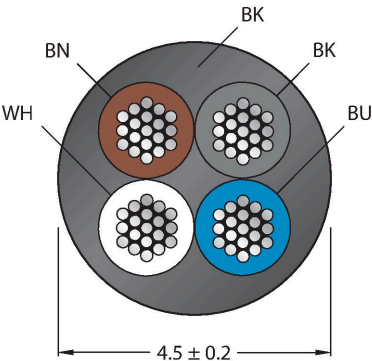
Technical data

Type	PKW4S-0.3-WKC4.4T/TXL
ID	6625758
Connector A	Female, Ø 8 mm, Angled
Number of pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Seal	Plastic, FPM/FKM
Tightening torque (range)	0.5 ... 0.6 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, (plugged)
Connector B	Female, M12 × 1, Angled, A-coded
Number of Pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only when screwed together
Cable	
Cable diameter	Ø 4.5 mm ±0.20
Cable length	0.3 m

Features

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- Female Ø 8 mm, angled, 4-pin, snap-on type
 - Female M12, angled, 4-pin
 - Sheath material: PUR
 - Sheath color: black
 - Qualified for drag chain use
 - Resistant to weld splatter
 - Resistant to chemicals, UV radiation and oils
 - Flame retardant
 - Free from halogen, silicone, PVC and LABS
 - Particularly resistant to abrasion
 - RoHS conform
 - Protection class IP67
 - Cable length: 0.3 m

Cable Cross-Section



Contact assignment



Circuit Diagram



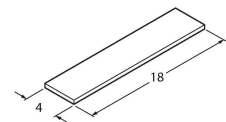
Technical data

Cable jacket	PUR, Black
Core insulation	PP
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	50 V _{AC} /60 V _{DC}
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/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
Ambient temperature (fixed)	-50...+80 °C
Ambient temperature (mobile)	-25...+80 °C
Ambient temperature (drag chain)	-25...+60 °C

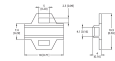
Accessories

BLANK-LABEL-FOR-CORDSETS-TEL-TXL	6936206
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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