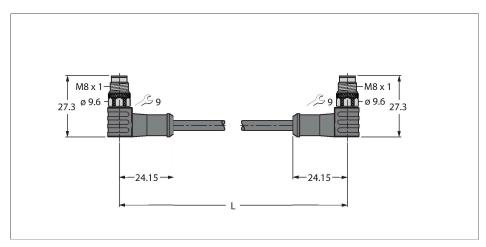
PSWS4M-0.2-PSWS4M/TEL Actuator and Sensor Cable, PVC – Extension Cable



Technical data

Cable length

Type PSWS4M-0.2-PSWS4M/TEL ID 6627622 Connector A Male, M8 × 1, Angled Number of Pins 4 Contacts Brass, CuZn, Gold-plated Connector body Plastic, TPU, Black Coupling nut/screw Brass, CuZn, Nickel-plated Tightening torque (range) 0.5 0.6 Nm (observe max. torque of mating connectorl) Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Connector B Male, M8 × 1, Angled Number of pins 4 Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Black Connector body Plastic, TPU, Black Coupling nut/retaining screw Brass, CuZn, Nickel-plated Tightening torque 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together er Cable Cable Cable diameter Ø 5.4 mm ±0.20		
Connector A Number of Pins 4 Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Conpling nut/screw Brass, CuZn, Nickel-plated Tightening torque (range) Mechanical lifespan Protection class Protection class Plastic, TPU, Black O.5 0.6 Nm (observe max. torque of mating connector!) Mel, M8 × 1, Angled Number of pins 4 Connector B Male, M8 × 1, Angled Number of pins 4 Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Black Connector body Plastic, TPU, Black Connector body Plastic, TPU, Black Coupling nut/retaining screw Brass, CuZn, Nickel-plated Tightening torque 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together	Туре	PSWS4M-0.2-PSWS4M/TEL
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Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Black Coupling nut/screw Brass, CuZn, Nickel-plated Tightening torque (range) Mechanical lifespan Pollution degree 3 Protection class Protection class Plastic, TPU, Black 100 Mating cycles 100 Male, M8 × 1, Angled 100 Male, M8 × 1, Angled 100 Mating cycles 100 Male, M8 × 1, Angled 100 Mating cycles 100 Mating cycles	Number of Pins	4
Connector body Plastic, TPU, Black Coupling nut/screw Brass, CuZn, Nickel-plated Tightening torque (range) 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical lifespan Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Connector B Male, M8 × 1, Angled 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 Tightening torque 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together	Contacts	Brass, CuZn, Gold-plated
Coupling nut/screw Tightening torque (range) O.5 0.6 Nm (observe max. torque of mating connector!) Mechanical lifespan Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Connector B Male, M8 × 1, Angled 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 Tightening torque O.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together	Contact carriers	Plastic, TPU, Black
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Number of pins Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Black Coupling nut/retaining screw Brass, CuZn, Nickel-plated Tightening torque 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together	Protection class	IP67, IP69K, Only in screwed condition
Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Black Coupling nut/retaining screw Brass, CuZn, Nickel-plated Tightening torque 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together	Connector B	Male, M8 × 1, Angled
Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Black Coupling nut/retaining screw Brass, CuZn, Nickel-plated Tightening torque 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together	Number of pins	4
Connector body Plastic, TPU, Black Coupling nut/retaining screw Brass, CuZn, Nickel-plated Tightening torque 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together	Contacts	Brass, CuZn, Gold-plated
Coupling nut/retaining screw Brass, CuZn, Nickel-plated Tightening torque 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together	Contact carriers	Plastic, TPU, Black
Tightening torque 0.5 0.6 Nm (observe max. torque of mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together er	Connector body	Plastic, TPU, Black
mating connector!) Mechanical life > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only when screwed together Cable	Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Pollution degree 3 Protection class IP67, IP69K, Only when screwed together Cable	Tightening torque	
Protection class IP67, IP69K, Only when screwed together Cable	Mechanical life	> 100 Mating cycles
Cable er	Pollution degree	3
	Protection class	
Cable diameter Ø 5.4 mm ±0.20	Cable	
	Cable diameter	Ø 5.4 mm ±0.20

0.2 m

Features









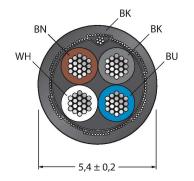






- Male M8, angled, 4-pin
- ■Shield on coupling nut/screw
- Male M8, straight, 4-pin
- Jacket material: PUR, shielded
- ■Jacket color: black
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- ■Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- ■CE, UKCA and RoHS compliant
- Protection class: IP67, IP69K
- Cable length: 0.2 m

Cable Cross-Section



Contact assignment





Functional principle

Drawing shows design status including hexagon coupling nut (Production start CW11/2016).

Technical data

Cable jacket	PVC, Black
Shielding	Aluminum foil, tinned copper wire
Core insulation	PVC
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	30 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
Ambient temperature range (stationary)	-40+105 °C
Ambient temperature range (In motion)	0+80 °C
Approvals	CE

Circuit Diagram

1	BN	
2	WH	!
4 =	BK	
3 -	BU	

Accessories

TORQUE-WRENCH-SET-AS

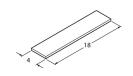
6936170

Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)

BLANK-LABEL-FOR-CORDSETS-TEL-TXL

6936206

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