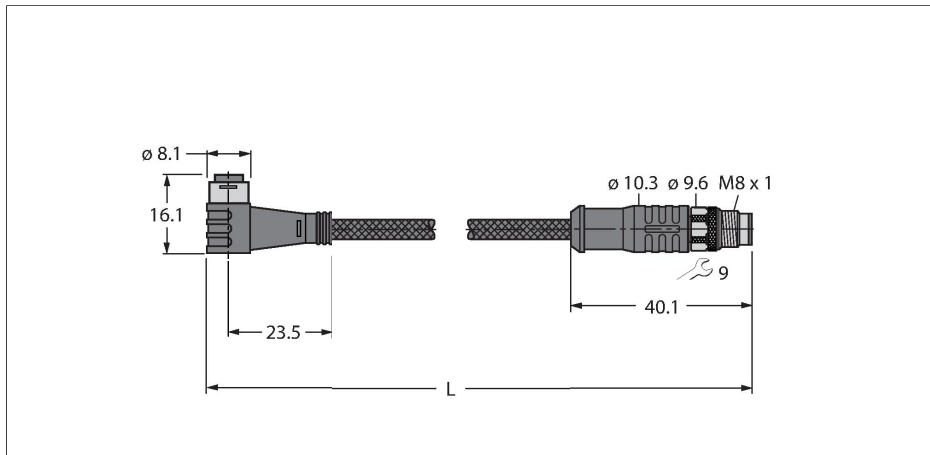


PKWC3M-P7X2-0.3-PSGC3M/TXL1001

Weld-Splatter Resistant Actuator and Sensor Cable – Extension Cable

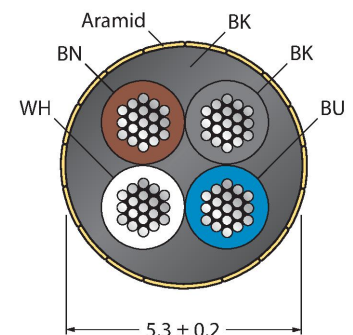


Features

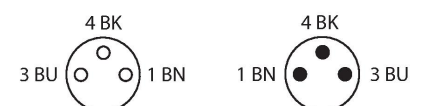


- Female Ø 8 mm, angled, 3-pin, snap-on type
- M8 male connector, straight, 3-pin
- Jacket material: PUR jacketed with aramid fibers
- Jacket color: yellow
- Resistant to welding sparks
- Flame retardant
- Resistant to chemicals, UV radiation and oils
- Free from halogen, silicone, PVC and LABS
- Protection class: IP67, IP69K
- Protective jacket material: aramid fibers
 - Tensile strength: 2923 MPa
 - Breaking strength: 333 N
 - Elongation at break: 3.6 %
 - Temperature peaks: up to +200 °C
- Cable length: 0.3 m

Cable Cross-Section



Contact assignment



Technical data

Type	PKWC3M-P7X2-0.3-PSGC3M/TXL1001
ID	6632914
Connector A	Female, Ø 8 mm, Angled
Number of pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Translucent
Seal	Plastic, FPM/FKM
Tightening torque (range)	0.5 ... 0.6 Nm (observe max. torque of mating connector!)
LED display	dual LED
Display operating voltage	LED, Green
Display switch state	LED, Yellow
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, (plugged)
Connector B	Male, M8 × 1, Straight
Number of Pins	3
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

Technical data

Pollution degree	3
Protection class	IP67, IP69K, Only when screwed together
Cable	
Cable diameter	Ø 5.3 mm ±0.20
Cable length	0.3 m
Cable jacket	PUR, Yellow
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	30 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
Ambient temperature (fixed)	-50...+105 °C
Ambient temperature (mobile)	-30...+90 °C

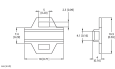
Circuit Diagram



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)	

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 x 18 mm; delivery unit: 50 pcs. per package