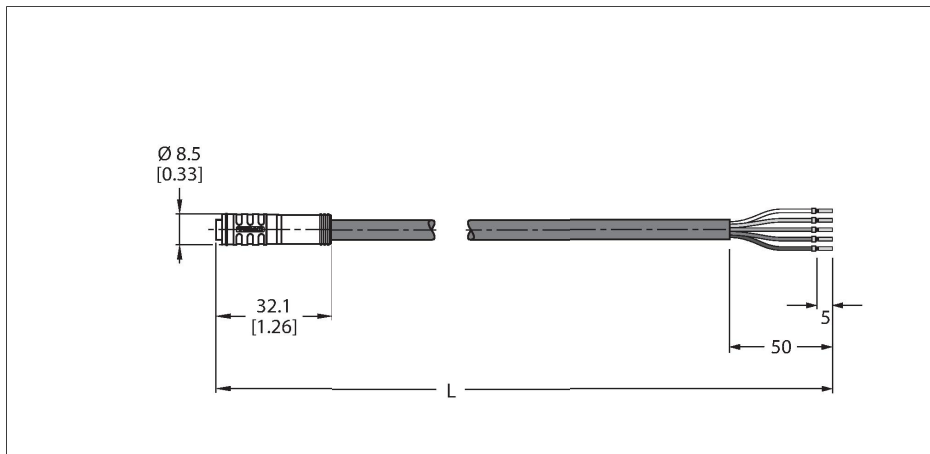


PKGC4.5S-8/TXL1405

Actuator and Sensor Cable, PUR – Connection Cable



Features



- Ø 8 mm female connector, straight, 5-pin, snap-on type
- Jacket material: PUR
- Jacket color: black
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant
- Resistant to welding sparks
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Cable length: 8.0 m

Contact assignment



Circuit Diagram

1)	BN
2)	WH
4)	BK
3)	BU
5)	GY

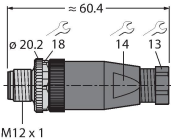
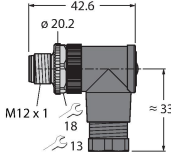
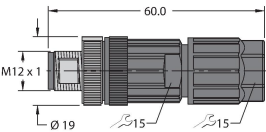
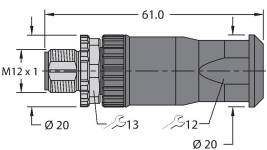
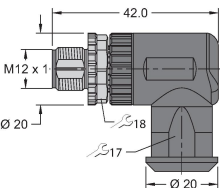
Technical data

Type	PKGC4.5S-8/TXL1405
ID	6636765
Connector A	Female, Ø 8 mm, Straight, B-coded
Number of pins	5
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)
Cable	
Cable diameter	Ø 5 mm ±0.20
Cable length	8 m
Cable jacket	PUR, Black
Core insulation	PP
Core cross-section	3 x 0.14 mm²
Arrangement of strands	18 x 0.1 mm
Core cross-section	2x 0.5 mm²
Litz wire arrangement	64 x 0.1 mm
Core colors	BN, WH, BU, BK, GY
Electrical properties at +20 °C	
Rated voltage	50 V
Current	4 A

Technical data

Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 2 million
Ambient temperature (fixed)	-40...+80 °C
Ambient temperature (mobile)	-25...+80 °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
					
BS8151-0		6904611	BS8251-0		6904612
		Field-wireable male connector, M12 × 1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw			Field-wireable male connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw
FW-ERSPM0526-SA-P-0408		100002535	FW-ERSPM0516-SA-S-0408		100002289
		Field-wireable male connector, M12 × 1, straight, 5-pin, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw			Field-wireable male connector, M12 × 1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal retaining screw
FW-EWSPM0516-SA-S-0408		100002291			
		Field-wireable male connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal retaining screw			

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