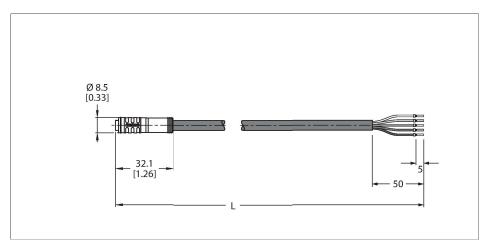


# PKGC4.5S-8/TXL1405 Actuator and Sensor Cable, PUR – Connection Cable



# Technical data

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	Туре	PKGC4.5S-8/TXL1405		
Number of Pins  Contacts  Brass, CuZn, Gold-plated  Contact carriers  Plastic, TPU, Black  Connector body  Plastic, TPU, Black  Seal  Plastic, FPM/FKM  Tightening torque (range)  Mechanical lifespan  Pollution degree  3  Protection class  Protection class  Pollution degree  Cable diameter  Cable length  Cable jacket  PUR, Black  Core insulation  PP  Core cross-section  Arrangement of strands  Core cross-section  Litz wire arrangement  Core colors  BN, WH, BU, BK, GY  Electrical properties at +20 °C  Rated voltage	ID	6636765		
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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 x0.1 mm  Core colors  BN, WH, BU, BK, GY  Electrical properties at +20 °C  Rated voltage  50 V	Cable diameter	Ø 5 mm ±0.20		
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 x0.1 mm  Core colors BN, WH, BU, BK, GY  Electrical properties at +20 °C  Rated voltage 50 V	Cable length	8 m		
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 x0.1 mm  Core colors BN, WH, BU, BK, GY  Electrical properties at +20 °C  Rated voltage 50 V	Cable jacket	PUR, Black		
Arrangement of strands  18 x 0.1 mm  Core cross-section  2x 0.5 mm²  Litz wire arrangement  64 x0.1 mm  Core colors  BN, WH, BU, BK, GY  Electrical properties at +20 °C  Rated voltage  50 V	Core insulation	PP		
Core cross-section 2x 0.5 mm²  Litz wire arrangement 64 x0.1 mm  Core colors BN, WH, BU, BK, GY  Electrical properties at +20 °C  Rated voltage 50 V	Core cross-section	3 x 0.14 mm²		
Litz wire arrangement 64 x0.1 mm  Core colors BN, WH, BU, BK, GY  Electrical properties at +20 °C  Rated voltage 50 V	Arrangement of strands	18 x 0.1 mm		
Core colors BN, WH, BU, BK, GY  Electrical properties at +20 °C  Rated voltage 50 V	Core cross-section	2x 0.5 mm²		
Electrical properties at +20 °C Rated voltage 50 V	Litz wire arrangement	64 x0.1 mm		
Rated voltage 50 V	Core colors	BN, WH, BU, BK, GY		
	Electrical properties at +20 °C			
Current 4 A	Rated voltage	50 V		
	Current	4 A		

# **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

Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 2 million
Ambient temperature range (stationary)	-40+80 °C
Ambient temperature range (In motion)	-25+80 °C

### Accessories

### TORQUE-WRENCH-SET-AS

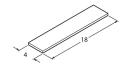
### 6936170

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

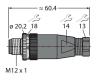


BS8251-0

### BS8151-0

### 6904611

### 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

# ø 20.2

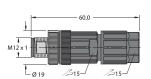
Field-wireable male connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw

### FW-ERSPM0526-SA-P-0408

### 100002535

### FW-ERSPM0516-SA-S-0408

### 100002289

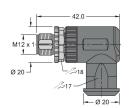


Field-wireable male connector, M12 × 1, straight, 5-pin, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal retaining screw

Æ13 Ø 20 Field-wireable male connector, M12  $\times$  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	Туре	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