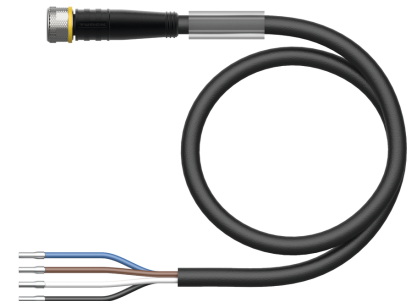
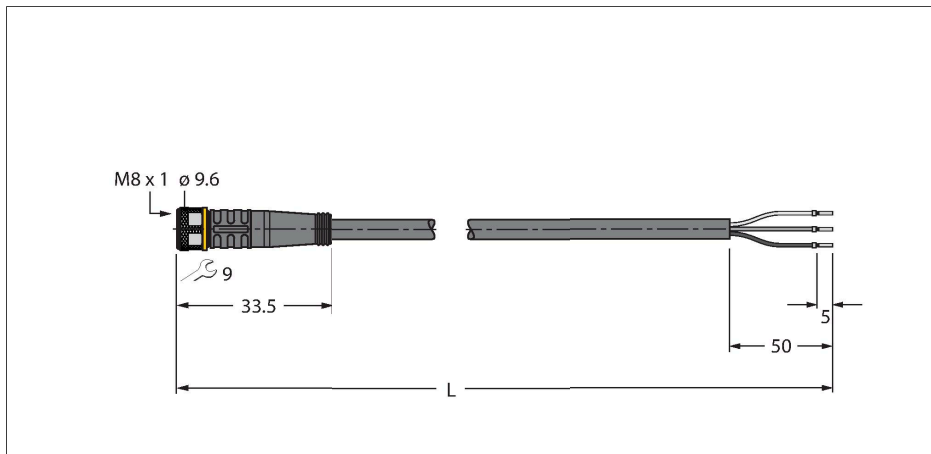


# PKG4M-30/TXL

## Actuator, Sensor and Supply Cable, PUR – Connection Cable



### Technical data

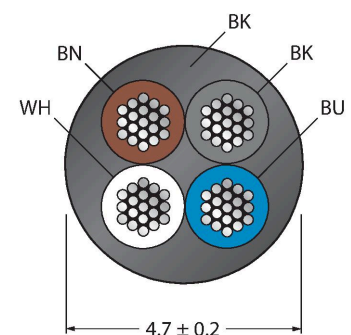
<b>Type</b>	PKG4M-30/TXL
<b>Ident. no.</b>	6628495
<b>Connector A</b>	Female, M8 x 1, Straight
<b>Number of pins</b>	4
<b>Contacts</b>	Brass, CuZn, Gold-plated
<b>Contact carriers</b>	Plastic, TPU, Black
<b>Connector body</b>	Plastic, TPU, Black
<b>Coupling nut/screw</b>	Brass, CuZn, Nickel-plated
<b>Seal</b>	Plastic, FPM/FKM
<b>Mechanical lifespan</b>	> 100 Mating cycles
<b>Pollution degree</b>	3
<b>Protection class</b>	IP67, Only in screwed condition
<b>Tightening torque (range)</b>	0.5 ... 0.6 Nm (observe max. torque of mating connector!)
<b>Cable</b>	
<b>Cable diameter</b>	Ø 4.7 mm ± 0.20
<b>Cable length</b>	30 m
<b>Cable jacket</b>	PUR, Black
<b>Core insulation</b>	PP
<b>Core cross-section</b>	4 x 0.34 mm <sup>2</sup>
<b>Arrangement of strands</b>	42 x 0.1 mm
<b>Core colors</b>	BN, WH, BU, BK
<b>Electrical properties at +20 °C</b>	
<b>Rated voltage</b>	30 V
<b>Test voltage</b>	2000 V
<b>Current</b>	4 A
<b>Insulation resistance</b>	> 30.5 MΩ/km
<b>forward resistance</b>	max. 57 Ω/km

### Features



- Female M8, straight, 4-pin
- Jacket material: PUR
- Jacket color: black
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2)
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Approval: cULus
- RoHS-compliant
- Protection class IP67
- Cable length: 30 m

### Cable Cross-Section



## Technical data

Mechanical and chemical properties	
Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 10 \times \varnothing$
Bending cycles	$\geq 5$ million
Admissible acceleration	max. $5 \text{ m/s}^2$
Admissible travel path, horizontal	5 m (at $5 \text{ m/s}^2$ )
Admissible travel path, vertical	2 m (at $5 \text{ m/s}^2$ )
Admissible traversing speed	3.3 m/s
Torsional stress	$\pm 180^\circ/\text{m}$
Stationary	$-50^\circ\text{C} \dots +80^\circ\text{C}$
In motion	$-25^\circ\text{C} \dots +80^\circ\text{C}$
Drag chain operation	$-25^\circ\text{C} \dots +60^\circ\text{C}$

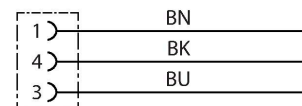
## Contact assignment



## Functional principle

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

## Diagram



## Accessories

**HAS5131-0**
**6905402**

Field-wireable male connector, M8 x 1, straight, 3-pin, insulation piercing connection, cable feedthrough 2.5 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm<sup>2</sup>, plastic housing, metal nut

**BS5133-0**
**6901012**

Field-wireable male connector, M8 x 1, straight, 3-pin, screw terminal connection, cable feedthrough 3.5 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.50 mm<sup>2</sup>, plastic housing, metal retaining screw

**HS5131-0**
**6902710**

Field-wireable male connector, M8 x 1, straight, 3-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm<sup>2</sup>, plastic housing, metal nut

**HS5231-0**
**6902810**

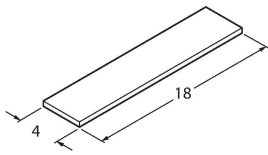
Field-wireable male connector, M8 x 1, angled, 3-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm<sup>2</sup>, plastic housing, metal nut

**FW-PRKPM0320-SA-S-0406**
**100002292**

Field-wireable female connector, M8 x 1, straight, 3-pin, screw terminal connection, cable feedthrough 4.0 to 5.5 mm, core cross-section/terminal capacity 0.14 to 0.5 mm<sup>2</sup>, plastic housing, metal coupling nut

**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