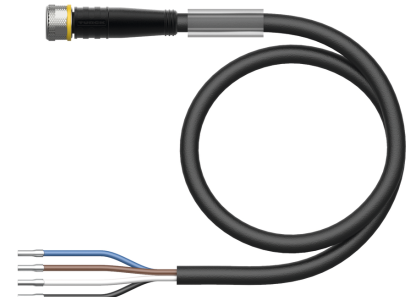
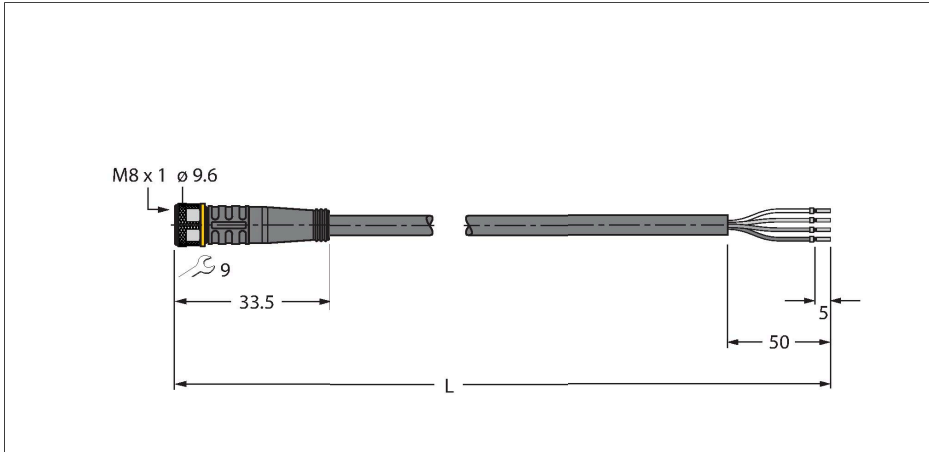


# PKG4M-2/TXL

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



### Technical data

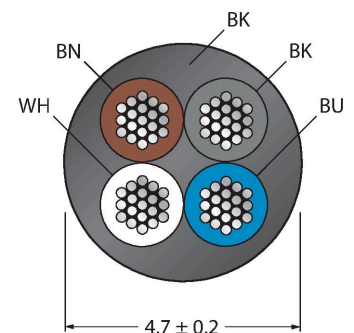
Type	PKG4M-2/TXL
Ident. no.	6625553
Connector A	Female, M8 x 1, Straight
Number of pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only in screwed condition
Tightening torque (range)	0.5 ... 0.6 Nm (observe max. torque of mating connector!)
Cable	
Cable diameter	Ø 4.7 mm ± 0.20
Cable length	2 m
Cable jacket	PUR, Black
Core insulation	PP
Core cross-section	4 x 0.34 mm <sup>2</sup>
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

### 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: 2.0 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	$\pm 180 \text{ }^\circ/\text{m}$
Stationary	$-50 \text{ }^\circ\text{C} \dots +80 \text{ }^\circ\text{C}$
In motion	$-25 \text{ }^\circ\text{C} \dots +80 \text{ }^\circ\text{C}$
Drag chain operation	$-25 \text{ }^\circ\text{C} \dots +60 \text{ }^\circ\text{C}$
Note	

- We reserve the right to make technical modifications without prior notice.

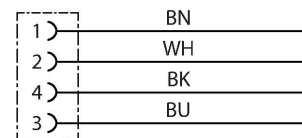
## Contact assignment



## Functional principle

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

## Diagram



## Accessories

**HAS5141-0**
**6905403**

Field-wireable male connector, M8 x 1, straight, 4-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

**BS5143-0**
**6901013**

Field-wireable male connector, M8 x 1, straight, 4-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

**HS5141-0**
**6902730**

Field-wireable male connector, M8 x 1, straight, 4-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

**HS5241-0**
**6902830**

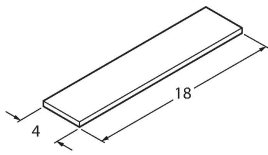
Field-wireable male connector, M8 x 1, angled, 4-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm<sup>2</sup>, plastic housing, metal nut

**FW-PRSPM0420-SA-S-0406**
**100002295**

Field-wireable male connector, M8 x 1, straight, 4-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 retaining screw

**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