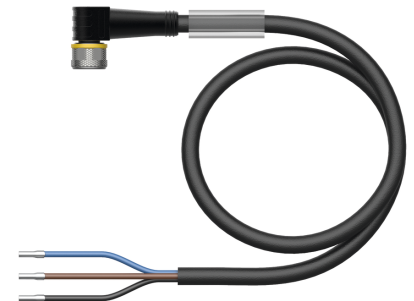
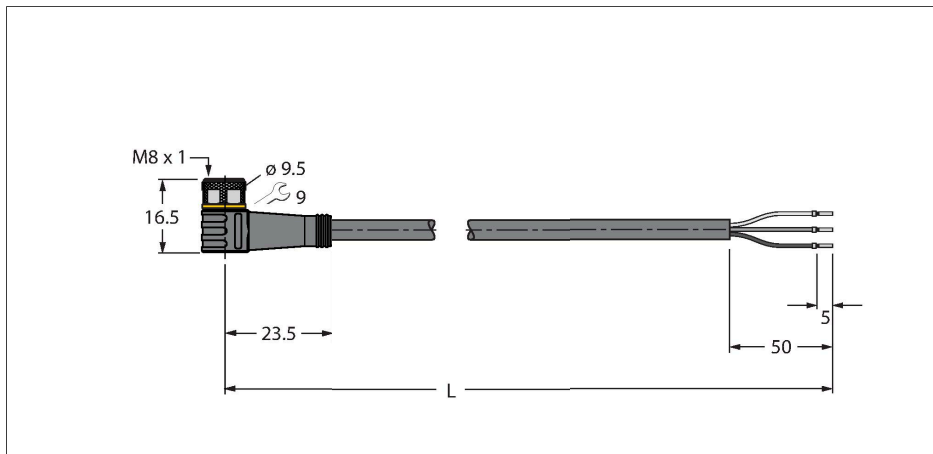


# PKW3M-2/TEL

## Actuator and Sensor Cable, PVC – Connection Cable



### Technical data

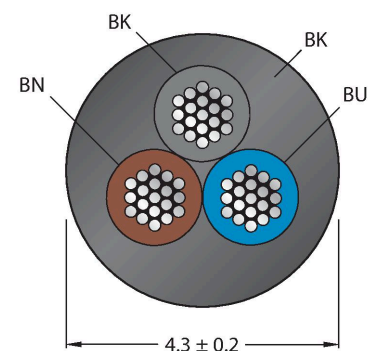
Type	PKW3M-2/TEL
ID	6625064
Connector A	Female, M8 × 1, Angled
Number of Pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Tightening torque (range)	0.5 ... 0.6 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
<b>Cable</b>	
Cable diameter	Ø 4.3 mm ±0.20
Cable length	2 m
Cable jacket	PVC, Black
Core insulation	PVC
Core cross-section	3 x 0.34 mm <sup>2</sup>
Arrangement of strands	42 x 0.1 mm
Core colors	BN, BU, BK
<b>Electrical properties at +20 °C</b>	
Rated voltage	50 V <sub>AC</sub> /60 V <sub>DC</sub>
Test voltage	2000 V
Current	4 A
Insulation resistance	> 30.5 MΩ/km

### Features

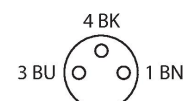


- Female M8, angled, 3-pin
- Jacket material: PVC
- Jacket color: black
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 2.0 m

### Cable Cross-Section



### Contact assignment



## Technical data

forward resistance max. 57 Ω/km

### Mechanical and chemical properties

Bending radius (stationary installation) ≥ 5 x Ø

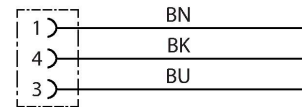
Bending radius (flexible use) ≥ 10 x Ø

Ambient temperature range (stationary) -40...+105 °C

Ambient temperature range (In motion) -5...+80 °C

Approvals cULus

## Circuit Diagram



## Accessories

### TORQUE-WRENCH-SET-AS

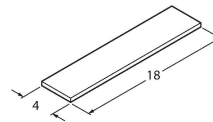
6936170

Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)

### BLANK-LABEL-FOR-CORDSETS-TEL-TXL

6936206

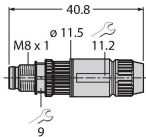
Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant



### HAS5131-0

6905402

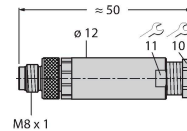
Field-wireable male connector, M8 x 1, straight, 3-pin, insulation piercing connection, cable feedthrough 2.5 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm<sup>2</sup>, plastic housing, metal nut



### BS5133-0

6901012

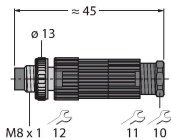
Konfektionierbarer Stecker, M8 x 1, gerade, 3-polig, Schraubklemmanschluss, Leitungsdurchlass 3.5 bis 5.0 mm, Adernquerschnitt/ Klemmvermögen 0.14 bis 0.50 mm<sup>2</sup>, Kunststoffgehäuse, Metallüberwurfschraube



### HS5131-0

6902710

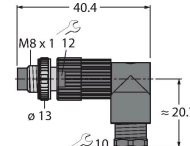
Field-wireable male connector, M8 x 1, straight, 3-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm<sup>2</sup>, plastic housing, metal nut



### HS5231-0

6902810

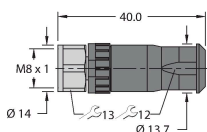
Field-wireable male connector, M8 x 1, angled, 3-pin, pressfit technology, cable feedthrough 4.0 to 5.0 mm, core cross-section/terminal capacity 0.14 to 0.34 mm<sup>2</sup>, plastic housing, metal nut



### 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



## 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