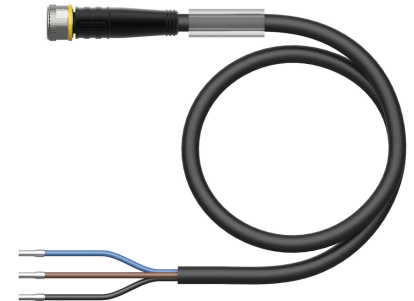
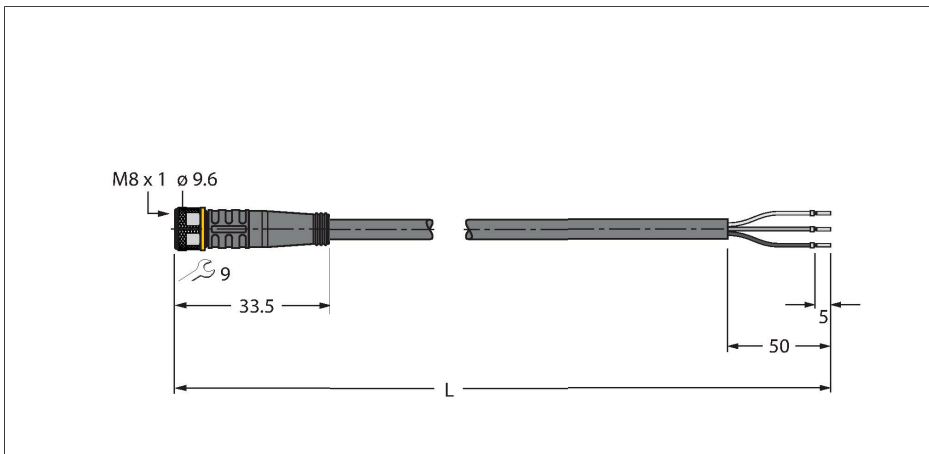


PKG3M-1.5/TXL

Actuator and Sensor Cable, PUR – Connection Cable



Technical data

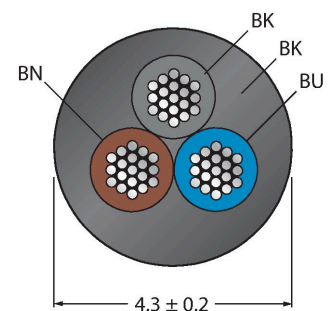
Type	PKG3M-1.5/TXL
Ident. no.	6628939
Connector A	Female, M8 x 1, Straight
Number of pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
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 4.3 mm ± 0.20
Cable length	1.5 m
Cable jacket	PUR, Black
Core insulation	PP
Core cross-section	3 x 0.34 mm ²
Arrangement of strands	42 x 0.1 mm
Core colors	BN, BU, BK
Electrical properties at +20 °C	
Rated voltage	60 V
Test voltage	2000 V
Current	4 A
Insulation resistance	> 30.5 MΩ/km
forward resistance	max. 57 Ω/km

Features



- Female M8, straight, 3-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: 1.5 m

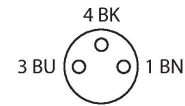
Cable Cross-Section



Technical data

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

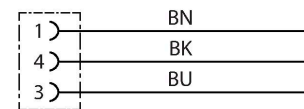
Contact assignment



Functional principle

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

Diagram



Accessories

TORQUE-WRENCH-SET-AS

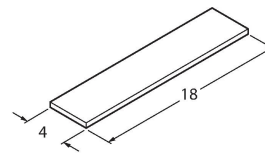
6936170



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-CORDESETS-TEL-TXL

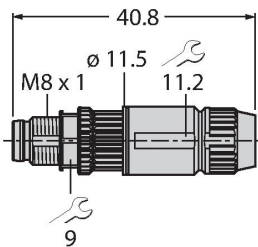
6936206



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

HAS5131-0

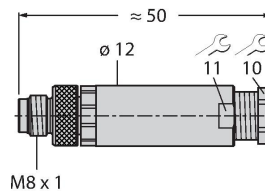
6905402



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 mm², plastic housing, metal nut

BS5133-0

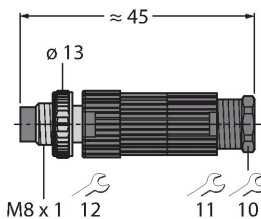
6901012



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 mm², plastic housing, metal retaining screw

HS5131-0

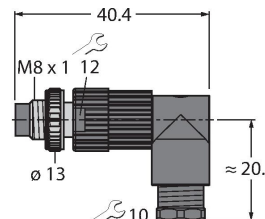
6902710



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 mm², plastic housing, metal nut

HS5231-0

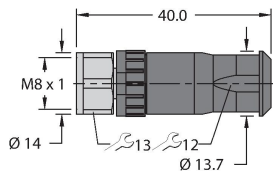
6902810



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 mm², plastic housing, metal nut

FW-PRKPM0320-SA-S-0406

100002292



Field-wireable female connector,
M8 × 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 mm², plastic
housing, metal coupling nut