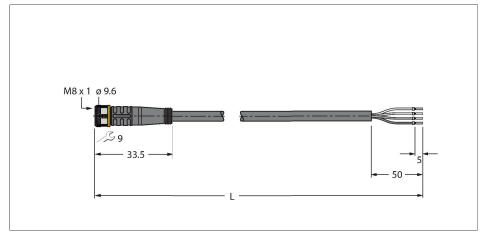
PKG4M-2/TXL| 23-01-2020 02-49 | Technical modifications reserved

PKG4M-2/TXL Actuator, Sensor and Supply Cable, PUR — Connection Cable





Technical data

Ident. no. 6625553 Connector A Female, M8 × 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 Cable adiameter Ø 4.7 mm ± 0.20 Cable length 2 m Cable jacket PUR, Black Core insulation PP Core cross-section 4 x 0.34 mm² 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 <th>Туре</th> <th>PKG4M-2/TXL</th>	Туре	PKG4M-2/TXL
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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 mm² 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	Pollution degree	3
(observe max. torque of mating connector!)CableCable diameterØ 4.7 mm ± 0.20Cable length2 mCable jacketPUR, BlackCore insulationPPCore cross-section4 x 0.34 mm²Arrangement of strands42 x 0.1 mmCore colorsBN, WH, BU, BKElectrical properties at +20 °CRated voltage30 VTest voltage2000 VCurrent4 AInsulation resistance> 30.5 MΩ/km	Protection class	IP67, Only in screwed condition
Cable diameterØ 4.7 mm \pm 0.20Cable length2 mCable jacketPUR, BlackCore insulationPPCore cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BKElectrical properties at $+20 ^{\circ}$ CRated voltage 30 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{M}\Omega/\text{km}$	Tightening torque (range)	
Cable length2 mCable jacketPUR, BlackCore insulationPPCore cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BKElectrical properties at $+20 ^{\circ}$ CRated voltage 30 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{M}\Omega/\text{km}$	Cable	
Cable jacketPUR, BlackCore insulationPPCore cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BKElectrical properties at $+20 ^{\circ}$ CRated voltage 30 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$	Cable diameter	Ø 4.7 mm ± 0.20
Core insulation PP Core cross-section $4 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 30 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$	Cable length	2 m
Core cross-section $4 \times 0.34 \text{mm}^2$ Arrangement of strands $42 \times 0.1 \text{mm}$ Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 30V Test voltage 2000V Current 4A Insulation resistance $> 30.5 \text{M}\Omega/\text{km}$	Cable jacket	PUR, Black
Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 30 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$	Core insulation	РР
Core colors BN, WH, BU, BK Electrical properties at +20 °C Rated voltage 30 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$	Core cross-section	4 x 0.34 mm ²
Electrical properties at +20 °C Rated voltage 30 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$	Arrangement of strands	42 x 0.1 mm
Rated voltage 30 V Test voltage 2000 V Current 4 A Insulation resistance > 30.5 MΩ/km	Core colors	BN, WH, BU, BK
Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$	Electrical properties at +20 °C	
Current 4 A Insulation resistance > 30.5 MΩ/km	Rated voltage	30 V
Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$	Test voltage	2000 V
	Current	4 A
forward resistance max. 57 Ω/km	Insulation resistance	> 30.5 MΩ/km
	forward resistance	max. 57 Ω/km

Features









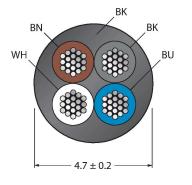






- Female M8, straight, 4-pin
- Jacket material: PUR
- Jacket color: black
- Suitable for drag chain use
- $\hfill\blacksquare$ Resistant to chemicals, UV radiation and oils
- Flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2)
- Free from halogen, silicone, PVC and LABS
- Particularly resistant 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)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 5 million
Admissible acceleration	max. 5 m/s ²
Admissible travel path, horizontal	5 m (at 5 m/s²)
Admissible travel path, vertical	2 m (at 5 m/s²)
Admissible traversing speed	3.3 m/s
Torsional stress	± 180 °/m
Stationary	-50 °C…+80 °C
In motion	-25 °C+80 °C
Drag chain operation	-25 °C+60 °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

	BN
2)	WH
4)	BK
	BU

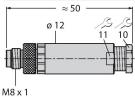
Accessories



6905403

Field-wireable male connector, M8 \times 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 mm², plastic housing, metal nut

BS5143-0



6901013

Field-wireable male connector, M8 × 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 mm², plastic housing, metal retaining screw

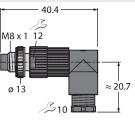
HS5141-0



6902730

Field-wireable male connector, M8 \times 1, straight, 4-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

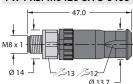
HS5241-0



6902830

Field-wireable male connector, M8 \times 1, angled, 4-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-PRSPM0420-SA-S-0406



100002295

Field-wireable male connector, $M8 \times 1$, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 5.5 mm, core cross-section/terminal capacity 0.14 to 0.5 mm², plastic housing, metal retaining screw

TORQUE-WRENCH-SET-AS



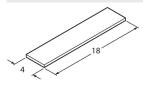
6936170

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