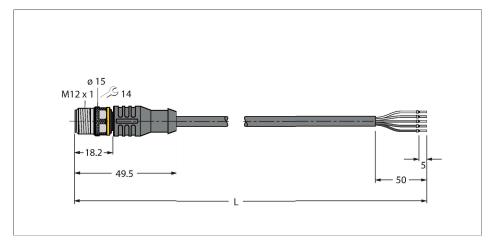
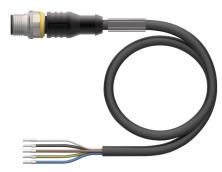


RSC5T-5/TXL Actuator and Sensor Cable, PUR – Connection Cable





Technical data

ID 6625534 Remark to product !!! Pin 5 = PE !!! Connector A Male, M12 × 1, Straight, A-coded Number of pins 4+PE Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Black Coupling nut/screw Brass, CuZn, Nickel-plated Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Ø 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 60 V Current 4 A Insulation resistance max. 57 Ω/km	Туре	RSC5T-5/TXL
Connector A Male, M12 × 1, Straight, A-coded Number of pins 4+PE Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, TPU, Black Connector body Plastic, TPU, Black Coupling nut/screw Brass, CuZn, Nickel-plated Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length 5 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance > 30.5 MΩ/km	ID	6625534
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Coupling nut/screw Brass, CuZn, Nickel-plated Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter Cable length 5 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance > 30.5 MΩ/km	Contact carriers	Plastic, TPU, Black
Mechanical lifespan> 100 Mating cyclesPollution degree3Protection classIP67, IP69K, Only in screwed conditionCableCable diameterØ 4.8 mm ±0.20Cable length5 mCable jacketPUR, BlackCore insulationPPCore cross-section5 x 0.34 mm²Arrangement of strands42 x 0.1 mmCore colorsBN, WH, BU, BK, GNYEElectrical properties at +20 °CRated voltage60 VTest voltage2000 VCurrent4 AInsulation resistance> 30.5 MΩ/km	Connector body	Plastic, TPU, Black
Pollution degree 3 Protection class IP67, IP69K, Only in screwed condition Cable (a) 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance > 30.5 MΩ/km	Coupling nut/screw	Brass, CuZn, Nickel-plated
Protection class IP67, IP69K, Only in screwed condition Cable Cable diameter \emptyset 4.8 mm ±0.20 Cable length 5 m Cable jacket PUR, Black Core insulation PP Core cross-section 5 x 0.34 mm² Arrangement of strands 42 x 0.1 mm Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$	Mechanical lifespan	> 100 Mating cycles
CableCable diameterØ 4.8 mm ±0.20Cable length5 mCable jacketPUR, BlackCore insulationPPCore cross-section $5 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BK, GNYEElectrical properties at +20 °CRated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance> $30.5 \text{ M}\Omega/\text{km}$	Pollution degree	3
Cable diameter \emptyset 4.8 mm \pm 0.20Cable length5 mCable jacketPUR, BlackCore insulationPPCore cross-section $5 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BK, GNYEElectrical properties at +20 °CRated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$	Protection class	IP67, IP69K, Only in screwed condition
Cable length5 mCable jacketPUR, BlackCore insulationPPCore cross-section $5 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BK, GNYEElectrical properties at +20 °CRated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance> $30.5 \text{ M}\Omega/\text{km}$	Cable	
Cable jacketPUR, BlackCore insulationPPCore cross-section $5 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colorsBN, WH, BU, BK, GNYEElectrical properties at +20 °CRated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$	Cable diameter	Ø 4.0 +0.00
Core insulation PP Core cross-section $5 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance $> 30.5 \text{ M}\Omega/\text{km}$	Cable diallicter	Ø 4.8 mm ±0.20
Core cross-section $5 \times 0.34 \text{ mm}^2$ Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$		
Arrangement of strands $42 \times 0.1 \text{ mm}$ Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$	Cable length	5 m
Core colors BN, WH, BU, BK, GNYE Electrical properties at +20 °C Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$	Cable length Cable jacket	5 m PUR, Black
Electrical properties at +20 °C Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$	Cable length Cable jacket Core insulation	5 m PUR, Black PP
Rated voltage 60 V Test voltage 2000 V Current 4 A Insulation resistance > $30.5 \text{ M}\Omega/\text{km}$	Cable length Cable jacket Core insulation Core cross-section	5 m PUR, Black PP 5 x 0.34 mm²
Test voltage 2000 V Current 4 A Insulation resistance > 30.5 MΩ/km	Cable length Cable jacket Core insulation Core cross-section Arrangement of strands	5 m PUR, Black PP 5 x 0.34 mm² 42 x 0.1 mm
Current 4 A Insulation resistance > 30.5 MΩ/km	Cable length Cable jacket Core insulation Core cross-section Arrangement of strands Core colors	5 m PUR, Black PP 5 x 0.34 mm² 42 x 0.1 mm
Insulation resistance > 30.5 M Ω /km	Cable length Cable jacket Core insulation Core cross-section Arrangement of strands Core colors Electrical properties at +20 °C	5 m PUR, Black PP 5 x 0.34 mm² 42 x 0.1 mm BN, WH, BU, BK, GNYE
	Cable length Cable jacket Core insulation Core cross-section Arrangement of strands Core colors Electrical properties at +20 °C Rated voltage	5 m PUR, Black PP 5 x 0.34 mm² 42 x 0.1 mm BN, WH, BU, BK, GNYE
forward resistance max. 57 Ω/km	Cable length Cable jacket Core insulation Core cross-section Arrangement of strands Core colors Electrical properties at +20 °C Rated voltage Test voltage	5 m PUR, Black PP 5 x 0.34 mm² 42 x 0.1 mm BN, WH, BU, BK, GNYE 60 V 2000 V
	Cable length Cable jacket Core insulation Core cross-section Arrangement of strands Core colors Electrical properties at +20 °C Rated voltage Test voltage Current	5 m PUR, Black PP 5 x 0.34 mm² 42 x 0.1 mm BN, WH, BU, BK, GNYE 60 V 2000 V 4 A

Features













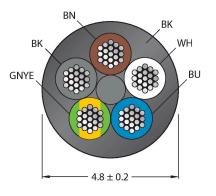






- Male M12, straight, 4-pin + PE
- Jacket material: PUR
- ■Jacket color: black
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- Resistant to welding sparks
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Protection class: IP67, IP69K
- Cable length: 5.0 m

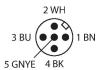
Cable Cross-Section



Contact assignment

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/s²
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
Ambient temperature (fixed)	-50+80 °C
Ambient temperature (mobile)	-25+80 °C
Ambient temperature (drag chain)	-25+60 °C
Approvals	cULus

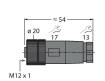


Circuit Diagram

[1-]	BN
2 =	WH
4 =	BK
3	BU
5	GNYE
) = -	

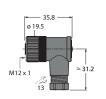
Accessories

B8151-0 6904601



Field-wireable female connector, M12 × 1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, plastic nut

B8251-0



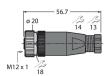
Field-wireable female connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, plastic nut

6904602

6935890

100002285

BM8151-0 6935888



Field-wireable female connector, M12 × 1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.25 to 0.75 mm², plastic housing, metal nut

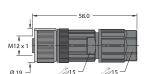
BM8251-0



Field-wireable female connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.25 to 0.75 mm², plastic housing, metal nut

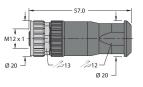
FW-ERKPM0526-SA-P-0408

100002534



Field-wireable female connector, M12 × 1, straight, 5-pin, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal coupling nut

FW-ERKPM0516-SA-S-0408



Field-wireable female connector, M12 × 1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25

to 1.5 mm², plastic housing, metal nut

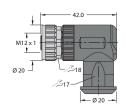
FW-EWKPM0516-SA-S-0408

100002287

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

Field-wireable female connector,

feedthrough 4.0 to 8.0 mm, core

cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal nut

M12 × 1, angled, 5-pin, screw

terminal connection, cable



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