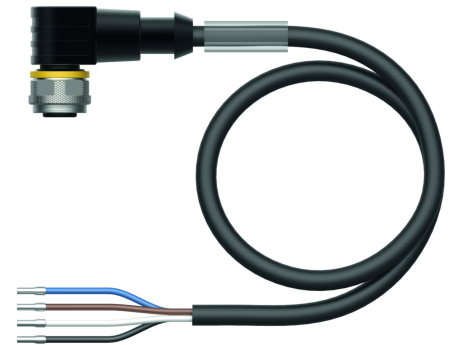
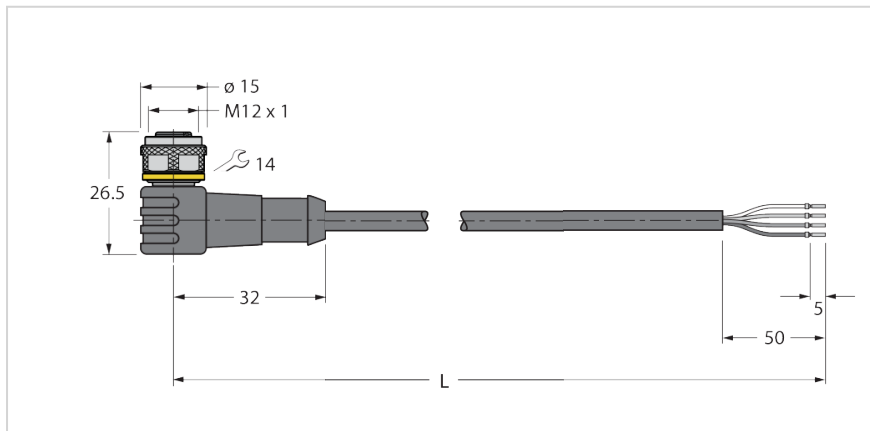


WKC4.4T-40/TXL

Actuator and Sensor Cable, PUR Connection Cable



Type designation	WKC4.4T-40/TXL
Ident-No.	6626628

Technical data

General data	
Special features	Suitable for drag chain use
Electrical data	
Current	4 A
Rated voltage	250 V
forward resistance	max.57 Ω/km
Insulation resistance	>30,5 MΩ/km
Test voltage	2000 V
Mechanical data	
Bending radius (stationary installation)	≥5 x Ø
Bending radius (flexible use)	≥10 x Ø
Bending cycles	≥5 Mio.
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	±180 °/m
Connector A	
Mechanical lifespan	> 100 Mating cycles

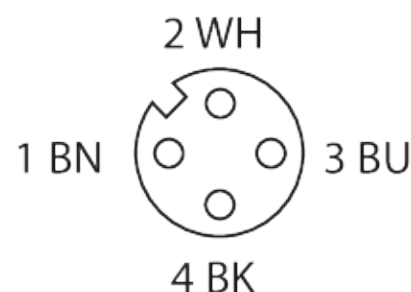
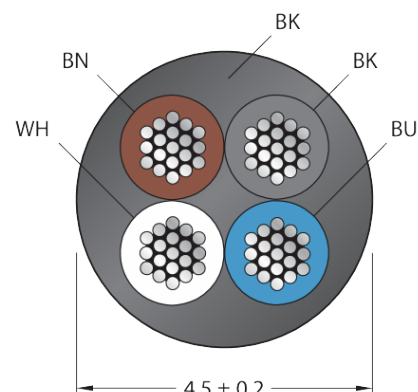
Features

- Female M12, angled, 4-pin
- 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: 40 m

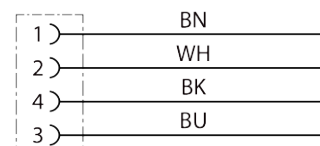
Technical data

Connector A	Female, M12 x 1, Angled, A-coded
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
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Cable	
Cable diameter	4,5 mm $\pm$ 0.20
Cable length	40 m
Cable jacket	PUR, Black
Core insulation	PP
Core cross-section	4 x 0,34 mm ²
Arrangement of strands	42 x 0,1 mm
Core colors	BN, WH, BU, BK
Ambient conditions	
Ambient temperature (mobile)	-25...+80 °C
Ambient temperature (fixed)	-50...+80 °C
Ambient temperature (drag chain)	-25...+60 °C
Tests/approvals	
Approvals	cULus
Comments	
Packaging unit	1

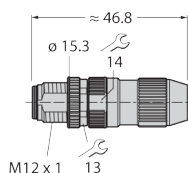
Cable Cross-Section



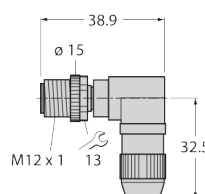
Circuit Diagram



Mounting accessories

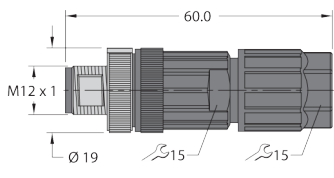
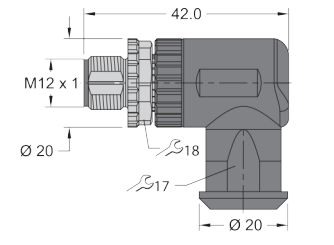
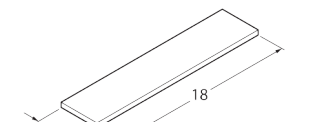
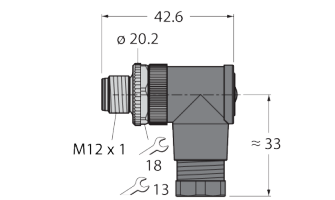
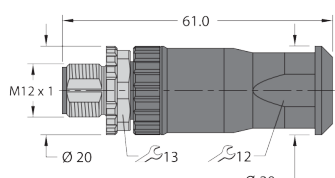
HAS8141-0
6905406


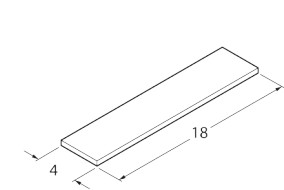
Field-wireable male connector, M12 x 1, straight, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

HAS8241-0
6905400


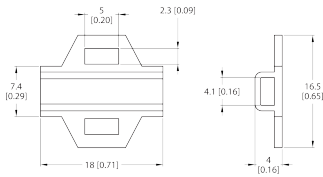
Field-wireable male connector, M12 x 1, angled, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

Mounting accessories

BS8141-0	69010
	Field-wireable male connector, M12 × 1, straight, 4-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, metal retaining screw
FW-ERSPM0426-SA-P-0408	100002048
 Technical drawing of the FW-ERSPM0426-SA-P-0408 connector. It shows a side view with dimensions: total length 60.0, cable feedthrough diameter Ø 19, and two mounting holes with diameter Ø 15.	Field-wireable male connector, M12 × 1, straight, 4-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 retaining screw
FW-EWSPM0416-SA-S-0408	100002290
 Technical drawing of the FW-EWSPM0416-SA-S-0408 connector. It shows a side view with dimensions: total length 42.0, cable feedthrough diameter Ø 20, and two mounting holes with diameter Ø 17.	Field-wireable male connector, M12 × 1, angled, 4-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 retaining screw
BLANK-LABEL-FOR-CORDSETS-TEL-TXL	6936206
 Technical drawing of the BLANK-LABEL-FOR-CORDSETS-TEL-TXL label. It shows a rectangular label with dimensions: length 18 mm and height 4 mm.	Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant
BS8241-0	69011
 Technical drawing of the BS8241-0 connector. It shows a side view with dimensions: total length 42.6, cable feedthrough diameter Ø 20.2, and two mounting holes with diameter Ø 13.	Field-wireable connector, M12 × 1, angled, 4-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, metal retaining screw
FW-ERSPM0416-SA-S-0408	100002288
 Technical drawing of the FW-ERSPM0416-SA-S-0408 connector. It shows a side view with dimensions: total length 61.0, cable feedthrough diameter Ø 20, and two mounting holes with diameter Ø 12.	Field-wireable male connector, M12 × 1, straight, 4-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 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)



Connection accessories

LABEL-HOLDER-FLEX-PVC	100048170
 Technical drawing of the LABEL-HOLDER-FLEX-PVC showing front and side views with dimensions in mm [tolerance]. Front view dimensions: - Top width: 5 [0.20] - Top height: 2.3 [0.09] - Bottom width: 18 [0.71] - Bottom height: 7.4 [0.29] Side view dimensions: - Top width: 4.1 [0.16] - Top height: 16.5 [0.65] - Bottom width: 4 [0.16] more [img2]	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