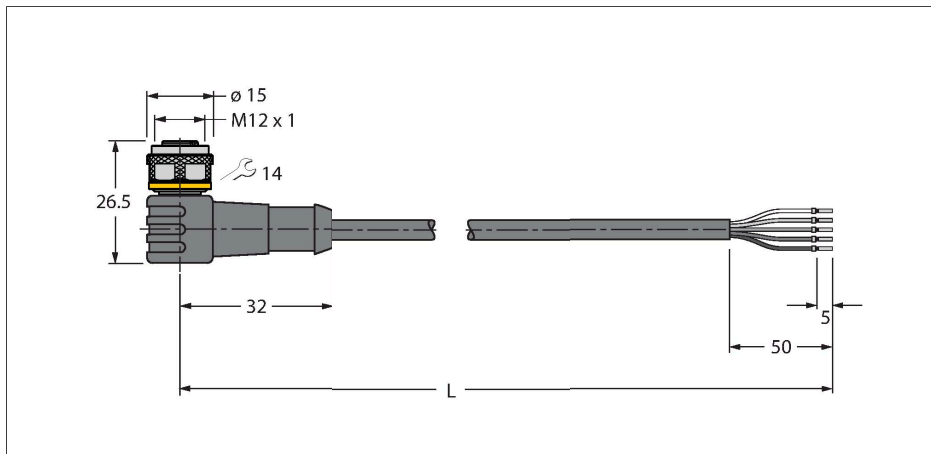


WKC4.5T-5/TXO

Actuator and Sensor Cable, PUR – Connection Cable

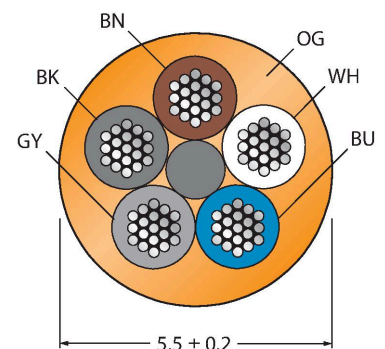


Features

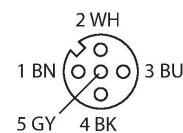


- Female M12, angled, 5-pin
- Jacket material: PUR
- Jacket color: orange
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- Resistant to welding sparks
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Protection class: IP67, IP69K
- Cable length: 5.0 m

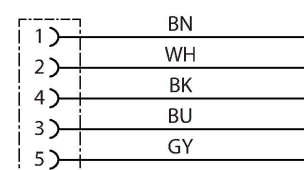
Cable Cross-Section



Contact assignment



Circuit Diagram



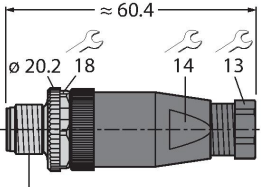
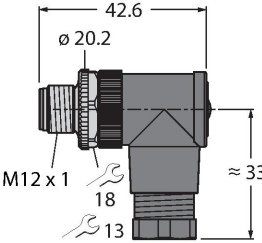
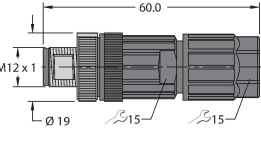
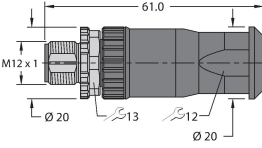
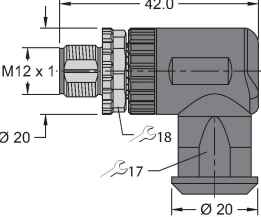

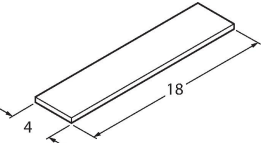
Technical data

Type	WKC4.5T-5/TXO
ID	6627294
Connector A	Female, M12 × 1, Angled, A-coded
Number of Pins	5
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, IP69K, Only in screwed condition
Cable	
Cable diameter	Ø 5.5 mm ±0.20
Cable length	5 m
Cable jacket	PUR, Orange
Core insulation	PP
Core cross-section	5 x 0.34 mm ²
Arrangement of strands	42 x 0.1 mm
Core colors	BN, WH, BU, BK, GY
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

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	± 180 °/m
Ambient temperature range (stationary)	-50 °C...+80 °C
Ambient temperature range (In motion)	-25 °C...+80 °C
Ambient temperature during drag chain operation	-25 °C...+60 °C
Approvals	cULus

Accessories

<p>BS8151-0</p>  <p>Technical drawing of a field-wireable male connector, BS8151-0. It shows a straight, 5-pin screw terminal connection with a cable feedthrough. Dimensions include a total length of approximately 60.4 mm, a diameter of 20.2 mm, and pin diameters of 18, 14, and 13 mm. An M12 x 1 screw is shown at the bottom.</p>	<p>6904611</p> <p>Field-wireable male 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, metal retaining screw</p>	<p>BS8251-0</p>  <p>Technical drawing of a field-wireable male connector, BS8251-0. It shows an angled, 5-pin screw terminal connection with a cable feedthrough. Dimensions include a total length of 42.6 mm, a diameter of 20.2 mm, and a height of approximately 33 mm. An M12 x 1 screw is shown at the bottom.</p>	<p>6904612</p> <p>Field-wireable male 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, metal retaining screw</p>
<p>FW-ERSPM0526-SA-P-0408</p>  <p>Technical drawing of a field-wireable male connector, FW-ERSPM0526-SA-P-0408. It shows a straight, 5-pin push-in terminal connection with a cable feedthrough. Dimensions include a total length of 60.0 mm, a diameter of 19 mm, and pin diameters of 15 mm.</p>	<p>100002535</p> <p>Field-wireable male 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 retaining screw</p>	<p>FW-ERSPM0516-SA-S-0408</p>  <p>Technical drawing of a field-wireable male connector, FW-ERSPM0516-SA-S-0408. It shows a straight, 5-pin screw terminal connection with a cable feedthrough. Dimensions include a total length of 61.0 mm, a diameter of 20 mm, and pin diameters of 13 mm and 12 mm.</p>	<p>100002289</p> <p>Field-wireable male 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 retaining screw</p>
<p>FW-EWSPM0516-SA-S-0408</p>  <p>Technical drawing of a field-wireable male connector, FW-EWSPM0516-SA-S-0408. It shows an angled, 5-pin screw terminal connection with a cable feedthrough. Dimensions include a total length of 42.0 mm, a diameter of 20 mm, and pin diameters of 18 mm and 17 mm.</p>	<p>100002291</p> <p>Field-wireable male connector, M12 × 1, angled, 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 retaining screw</p>	<p>TORQUE-WRENCH-SET-AS</p>  <p>Image showing a torque wrench set with two handles and a fork wrench. The set is used for adjusting torque on screws.</p> <p>6936170</p> <p>Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)</p>	
<p>BLANK-LABEL-FOR-CORDSETS-TEL-TXL</p>  <p>Image showing a blank label for TEL and TXL cables. The label is rectangular with dimensions 18 mm in length and 4 mm in height.</p>	<p>6936206</p> <p>Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant</p>		