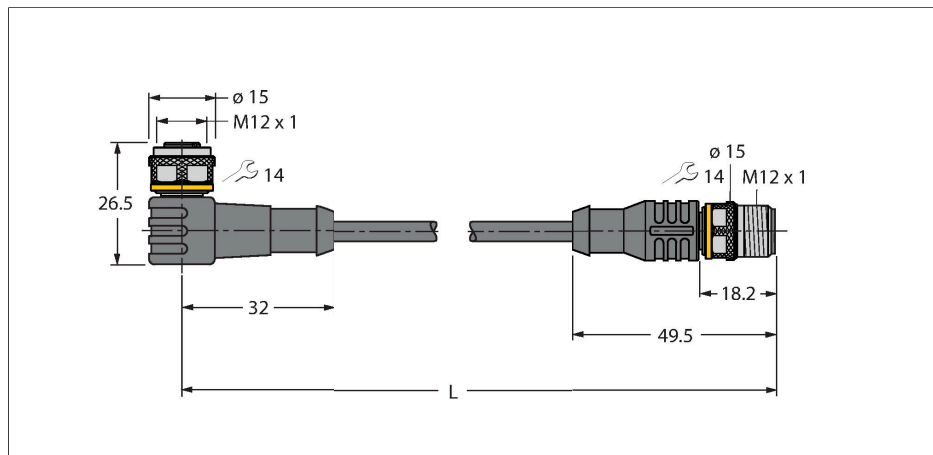


WKC4.5T-P7X3.1-0.3-RSC4.5T/TXO3701

Welding Spark Resistant Actuator and Sensor Cable – Extension Cable



Features

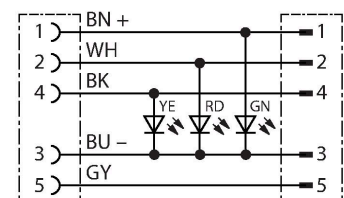


- Female M12, angled, 5-pin
- With 3-color LED (PNP, red, yellow, green)
- Male M12, straight, 5-pin
- Jacket material: PUR
- Jacket color: orange
- Resistant to welding sparks
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL/CSA; IEC 60332-1-2; IEC 60332-2-2)
- Halogen free (acc. to EN 50267-2-1)
- Free from silicone, PVC and LABS (acc. to PV3.10.7)
- Particularly resistant to abrasion
- Protection class: IP67, IP69K
- Cable length: 0.3 m

Contact assignment



Circuit Diagram



Technical data

Type	WKC4.5T-P7X3.1-0.3-RSC4.5T/TXO3701
ID	6635721
Remark to product	Specification according to VASS requirements (version: February 2021)
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, Translucent
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
LED display	triple LED
Display operating voltage	LED, Green
Display switch state	LED, Yellow/red
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Connector B	Male, M12 × 1, Straight, A-coded
Number of pins	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Mechanical life	> 100 Mating cycles
Pollution degree	3

Protection class	IP67, IP69K, Only when screwed together
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Accessories

Accessories

The technical drawing shows two views of a mechanical component. The front view (left) has a total width of 80 mm and a height of 60 mm. It features a central rectangular cutout with a width of 20 mm and a depth of 10 mm. Above this cutout is a trapezoidal feature with a top width of 20 mm and a bottom width of 40 mm. The side view (right) shows a total height of 60 mm and a thickness of 10 mm. It includes a circular hole with a diameter of 10 mm, positioned 10 mm from the left edge and 20 mm from the bottom edge.