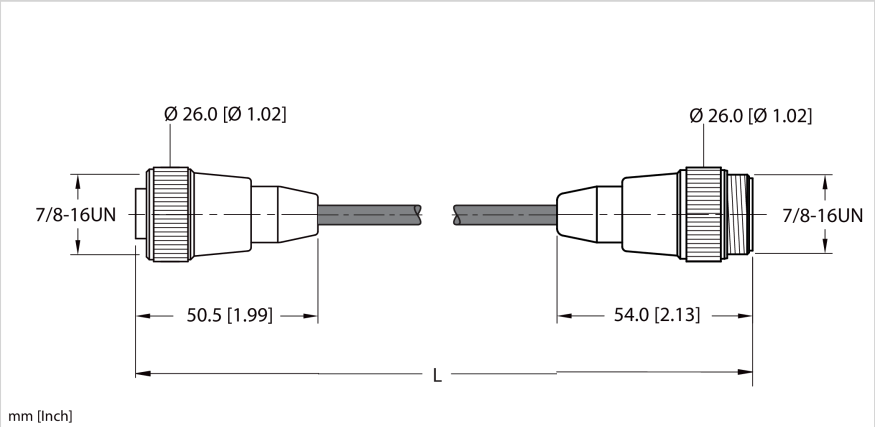
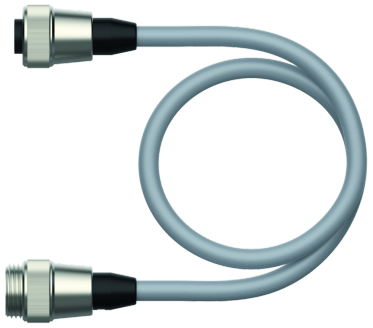
RKM43-2-RSM43

Power Supply Cable, PUR
Extension Cable





Type designation	RKM43-2-RSM43
Ident-No.	6914313

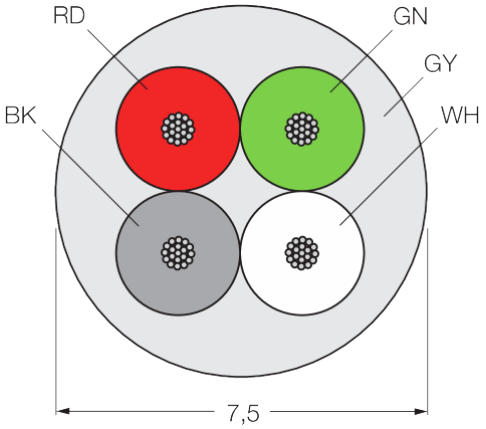
Technical data

General data	
Special features	Suitable for drag chain use
Electrical data	
Current	10 A
Rated voltage	300 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/s²
Admissible travel path, horizontal	5 m (at 5 ;m/s²)
Admissible travel path, vertical	2 m (at 5 m/s²)
Connector A	
Mechanical lifespan	> 100 Mating cycles
Connector A	Female, 7/8″-16 UN, Straight
Number of Pins	4
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black

Features

- 7/8″ female connector, straight, 4-pin
- 7/8″ male connector, straight, 4-pin
- Supply cable: 4 × 1.5 mm^2
- Jacket material: PUR, color: gray
- Jacket diameter: 7.5 mm
- Suitable for drag chain use
- Oil-resistant and flame-retardant
- Halogen free
- Cable length: 2.0 m

Cable Cross-Section

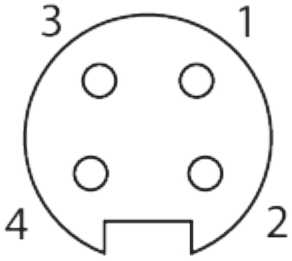


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Technical data

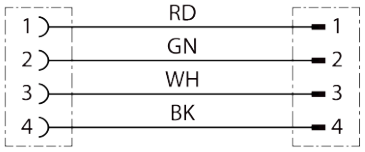
Coupling nut/screw	Brass, CuZn, Nickel-plated
Pollution degree	3
Protection class	IP67, Only in screwed condition
Connector B	
Mechanical lifespan	> 100 Mating cycles
Connector B	Male, 7/8″-16 UN, Straight
Number of pins	4
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Pollution degree	3
Protection class	IP67, Only when screwed together
Cable	
Cable type	43
Cable diameter	7,5 mm ±0.30
Cable length	2 m
Cable jacket	PUR, Gray
Overall shield	no
Core insulation	PP
Core cross-section	4 x 1,5 mm²
Arrangement of strands	84 x 0,15 mm
Core colors	BK, RD, GN, WH
Ambient conditions	
Ambient temperature (mobile)	-25...+80 °C
Ambient temperature (fixed)	-50...+80 °C
Ambient temperature (drag chain)	-25...+80 °C
Tests/approvals	
Approvals	CE, UKCA, UL
Other properties	
Qualified for drag chain use	yes
Halogen-free	yes
Oil-resistant	yes
Flame-retardant	yes
Comments	
Packaging unit	1

Contact assignment



Contact assignment

Circuit Diagram



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