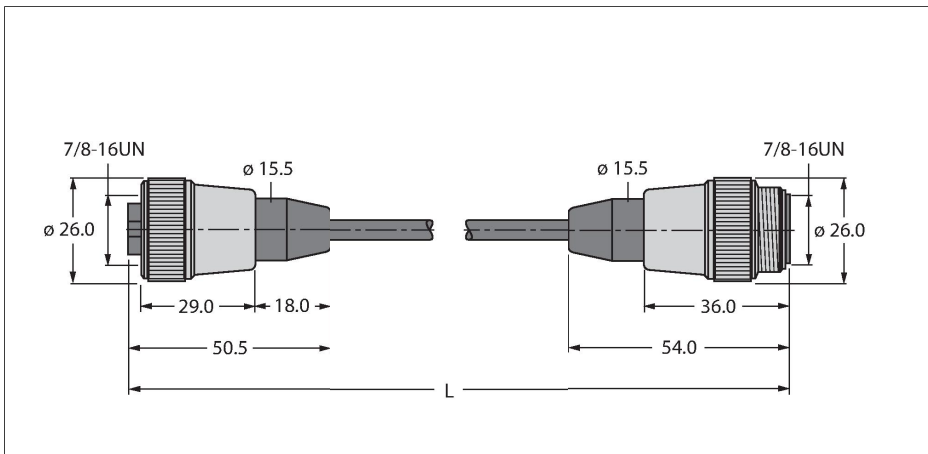


# RKM43-6-RSM43

## Power Supply Cable, PUR – Extension Cable



### Technical data

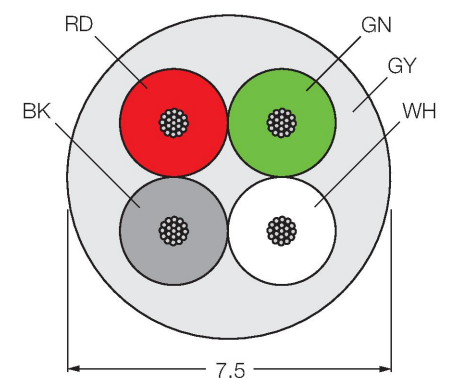
|                              |                                  |
|------------------------------|----------------------------------|
| Type                         | RKM43-6-RSM43                    |
| ID                           | 6914315                          |
| Connector A                  | 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              |
| Coupling nut/screw           | Brass, CuZn, Nickel-plated       |
| Mechanical lifespan          | > 100 Mating cycles              |
| Pollution degree             | 3                                |
| Protection class             | IP67, Only in screwed condition  |
| 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       |
| Mechanical life              | > 100 Mating cycles              |
| Pollution degree             | 3                                |
| Protection class             | IP67, Only when screwed together |
| Cable                        |                                  |
| Cable diameter               | $\phi 7.5 \text{ mm} \pm 0.30$   |
| Cable length                 | 6 m                              |
| Cable jacket                 | PUR, Gray                        |
| Shielding                    | no                               |
| Core insulation              | PP                               |
| Core cross-section           | 4 x 1.5 mm <sup>2</sup>          |

### Features

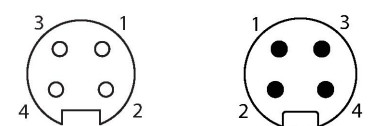


- Power cable: 4 × 1.5 mm<sup>2</sup>
- Jacket material: PUR, color: gray
- Jacket diameter: 7.5 mm
- Suitable for drag chain use
- Oil resistant and flame retardant
- Halogen free
- 7/8" male, straight
- 7/8" female, straight
- Cable length: 6.0 m

### Cable Cross-Section



### Contact assignment



Technical data

|                                    |                |
|------------------------------------|----------------|
| Arrangement of strands             | 84 x 0.15 mm   |
| Core colors                        | BK, RD, GN, WH |
| Electrical properties at +20 °C    |                |
| Rated voltage                      | 300 V          |
| Test voltage                       | 500 V          |
| Current                            | 12 A           |
| Mechanical and chemical properties |                |
| Bending radius (flexible use)      | ≥ 10 x Ø       |
| Ambient temperature (fixed)        | -50...+80 °C   |
| Ambient temperature (mobile)       | -25...+80 °C   |
| Ambient temperature (drag chain)   | -25...+80 °C   |
| Other Features                     |                |
| Qualified for drag chain use       | yes            |
| Halogen-free                       | yes            |
| Oil-resistant                      | yes            |
| Flame-retardant                    | yes            |

Circuit Diagram

