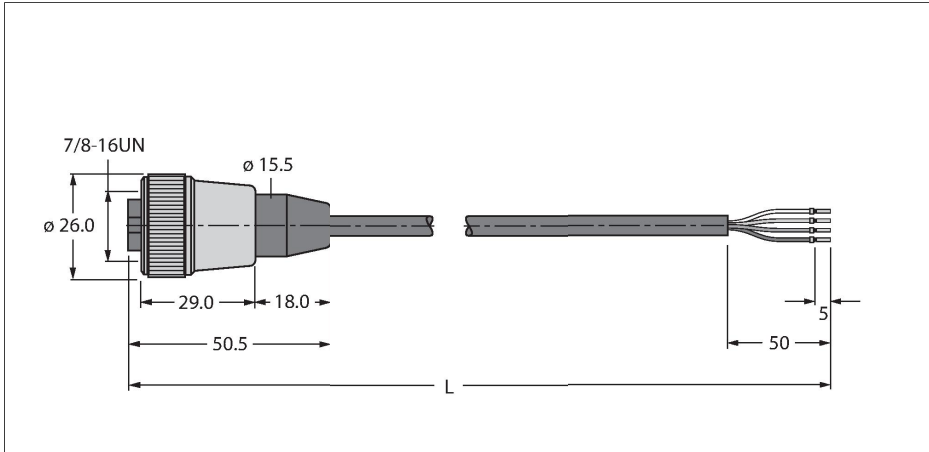


# RKM43-12M

## Power Supply Cable, PUR – Connection Cable



### Technical data

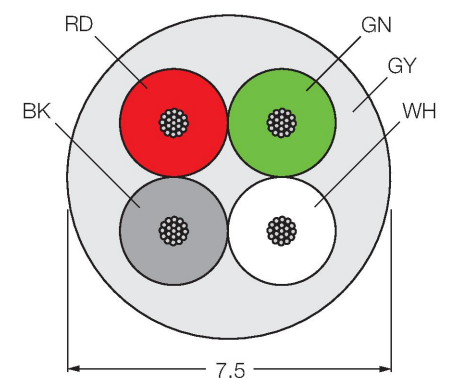
|                                           |                                 |
|-------------------------------------------|---------------------------------|
| Type                                      | RKM43-12M                       |
| ID                                        | 6914309                         |
| 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 |
| <b>Cable</b>                              |                                 |
| Cable diameter                            | Ø 7.5 mm ±0.30                  |
| Cable length                              | 12 m                            |
| Cable jacket                              | PUR, Gray                       |
| Shielding                                 | no                              |
| Core insulation                           | PP                              |
| Core cross-section                        | 4 x 1.5 mm <sup>2</sup>         |
| Arrangement of strands                    | 84 x 0.15 mm                    |
| Core colors                               | BK, RD, GN, WH                  |
| <b>Electrical properties at +20 °C</b>    |                                 |
| Rated voltage                             | 300 V                           |
| Test voltage                              | 500 V                           |
| Current                                   | 12 A                            |
| <b>Mechanical and chemical properties</b> |                                 |
| Bending radius (flexible use)             | ≥ 10 x Ø                        |
| Ambient temperature (fixed)               | -50...+80 °C                    |

### Features

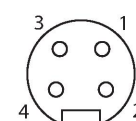


- Power cable: 4 × 1.5 mm<sup>2</sup>
- Jacket material: PUR, color: gray
- Jacket diameter: 7.5 mm
- Suitable for drag chain use
- Oil resistant and flame retardant
- Halogen free
- End open
- 7/8" female, straight
- Cable length: 12 m

### Cable Cross-Section



### Contact assignment



Technical data

|                                  |              |
|----------------------------------|--------------|
| Ambient temperature (mobile)     | -25...+80 °C |
| Ambient temperature (drag chain) | -25...+80 °C |
| Other Featues                    |              |
| Qualified for drag chain use     | yes          |
| Halogen-free                     | yes          |
| Oil-resistant                    | yes          |
| Flame-retardant                  | yes          |

Circuit Diagram

