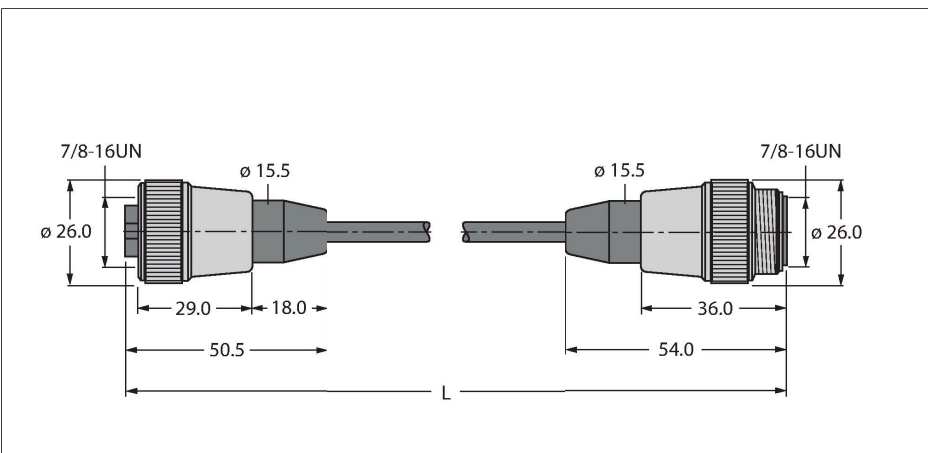


# RKM52-0.3-RSM52

## Power Supply Cable, PUR – Extension Cable



### Features

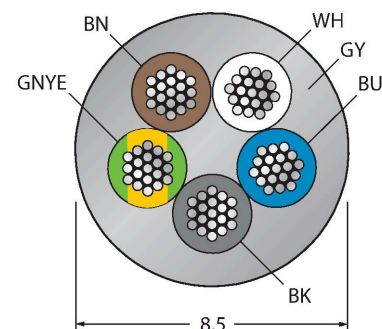


- Power cable:  $5 \times 1.5 \text{ mm}^2$
- Jacket material: PUR, color: gray
- Jacket diameter: 8.5 mm
- Suitable for drag chain use
- Oil resistant and flame retardant
- Halogen free
- 7/8" male, straight
- 7/8" female, straight
- Cable length: 0.3 m

### Technical data

|                              |                                       |
|------------------------------|---------------------------------------|
| Type                         | RKM52-0.3-RSM52                       |
| ID                           | 6604743                               |
| Connector A                  | Female, 7/8"-16 UN, Straight          |
| Number of Pins               | 4+PE                                  |
| 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+PE                                  |
| 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               | $\varnothing 8.5 \text{ mm} \pm 0.30$ |
| Cable length                 | 0.3 m                                 |
| Cable jacket                 | PUR, Gray                             |
| Shielding                    | no                                    |
| Core insulation              | PP                                    |
| Core cross-section           | $5 \times 1.5 \text{ mm}^2$           |

### Cable Cross-Section



### Contact assignment



### Circuit Diagram



## Technical data

|                                                 |                      |
|-------------------------------------------------|----------------------|
| Arrangement of strands                          | 84 x 0.15 mm         |
| Core cross-section                              | 1.5 mm <sup>2</sup>  |
| Core colors                                     | BN, WH, BU, BK, GNYE |
| Electrical properties at +20 °C                 |                      |
| Rated voltage                                   | 240 V                |
| Test voltage                                    | 500 V                |
| Current                                         | 12 A                 |
| Mechanical and chemical properties              |                      |
| Bending radius (flexible use)                   | ≥ 10 x Ø             |
| Ambient temperature range (stationary)          | -40...+90 °C         |
| Ambient temperature range (In motion)           | 0...+90 °C           |
| Ambient temperature during drag chain operation | 0...+90 °C           |
| Other Features                                  |                      |
| Qualified for drag chain use                    | yes                  |
| Halogen-free                                    | yes                  |
| Oil-resistant                                   | yes                  |
| Flame-retardant                                 | yes                  |