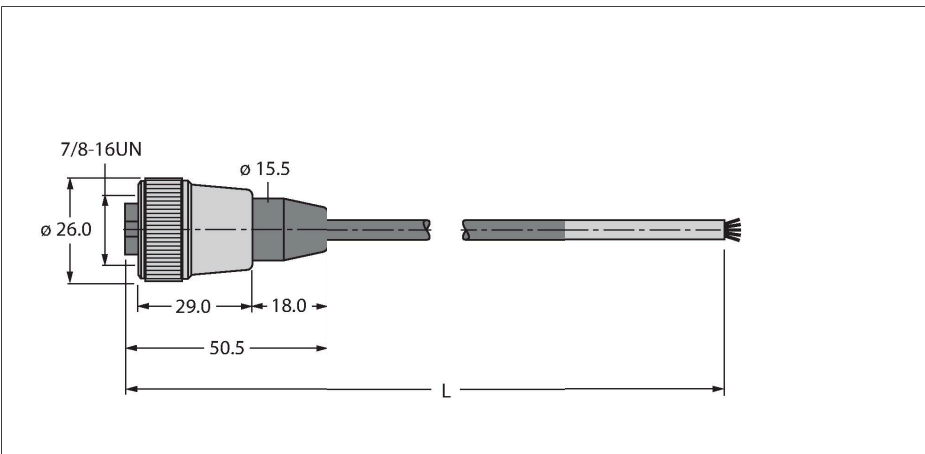


# RKM52-30M

## Power Supply Cable, PUR – Connection Cable



### Features

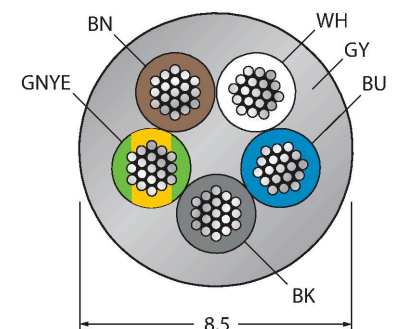


- Power cable:  $5 \times 1.5 \text{ mm}^2$
- Jacket material: PUR, color: gray
- Jacket diameter: 8.5 mm
- Suitable for drag chain use
- Oil resistant and flame retardant
- Halogen free
- End open
- 7/8" female, straight
- Cable length: 30 m

### Technical data

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Type                               | RKM52-30M                             |
| ID                                 | 6604722                               |
| 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       |
| Cable                              |                                       |
| Cable diameter                     | $\varnothing 8.5 \text{ mm} \pm 0.30$ |
| Cable length                       | 30 m                                  |
| Cable jacket                       | PUR, Gray                             |
| Shielding                          | no                                    |
| Core insulation                    | PP                                    |
| Core cross-section                 | $5 \times 1.5 \text{ mm}^2$           |
| Arrangement of strands             | $84 \times 0.15 \text{ mm}$           |
| Core cross-section                 | $1.5 \text{ mm}^2$                    |
| 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)      | $\geq 10 \times \varnothing$          |

### Cable Cross-Section



### Contact assignment



### Circuit Diagram



## Technical data

|                                                 |              |
|-------------------------------------------------|--------------|
| 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          |