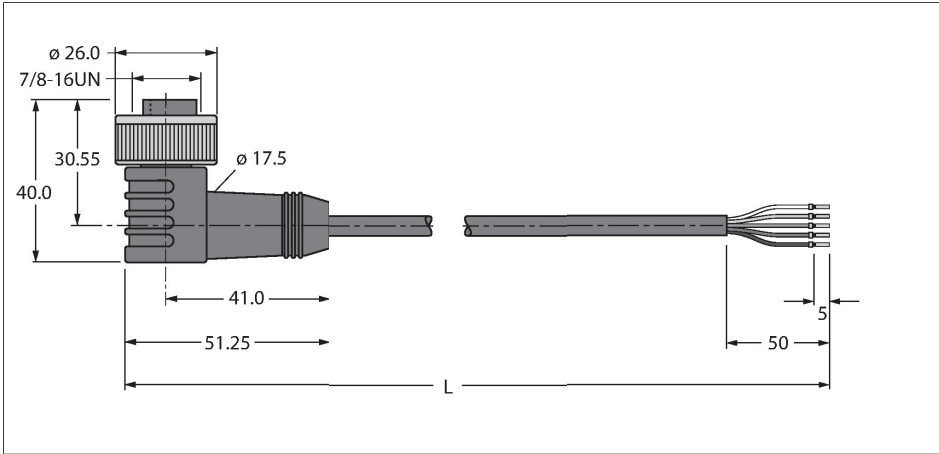


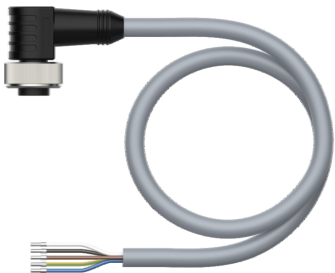
# WKM52-10M

## Power Supply Cable, PUR – Connection Cable



### Technical data

|                                    |                                 |
|------------------------------------|---------------------------------|
| Type                               | WKM52-10M                       |
| ID                                 | 6604772                         |
| Connector A                        | Female, 7/8"-16 UN, Angled      |
| 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                     | Ø 8.5 mm ±0.30                  |
| Cable length                       | 10 m                            |
| Cable jacket                       | PUR, Gray                       |
| Shielding                          | no                              |
| Core insulation                    | PP                              |
| Core cross-section                 | 5 x 1.5 mm²                     |
| Arrangement of strands             | 84 x 0.15 mm                    |
| Core cross-section                 | 1.5 mm²                         |
| Core colors                        | BN, WH, BU, BK, GNYE            |
| 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                        |



### Features



- Power cable: 5 × 1.5 mm²
- 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, angled
- Cable length: 10 m

### Cable Cross-Section



### Contact assignment



Technical data

|                                  |              |
|----------------------------------|--------------|
| Ambient temperature (fixed)      | -25...+80 °C |
| 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

