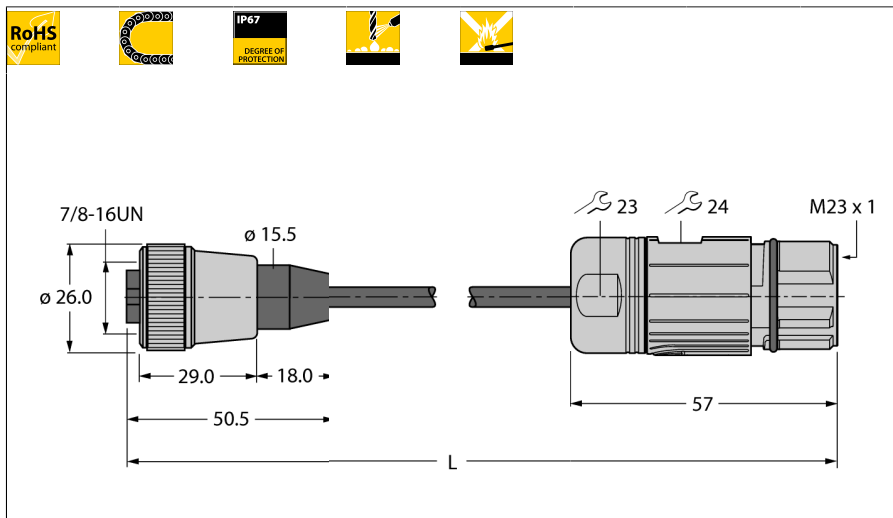


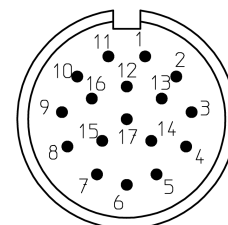
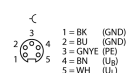
# Power Supply Cable, PUR

## Connection Cable

### RKM52-0.2-CSSM-BV16031301



- 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
- M23 × 1 male connector, straight, potted, 17-pin
- 7/8" female, straight
- Cable length: 0.2 m



#### Circuit Diagram



|      |                           |
|------|---------------------------|
| Type | RKM52-0.2-CSSM-BV16031301 |
| ID   | 6936022                   |

|                     |                                 |
|---------------------|---------------------------------|
| 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      |
| Protection class    | IP67, Only in screwed condition |
| Mechanical lifespan | > 100 Mating cycles             |
| Pollution degree    | 3                               |

|                  |                                  |
|------------------|----------------------------------|
| Connector B      | Male, M23 × 1, Straight          |
| Number of pins   | 17 pins                          |
| Contacts         | Brass, CuZn, Gold-plated         |
| Contact carriers | Plastic, PBT, White              |
| Connector body   | Die-cast Zinc, GD-Zn, Black      |
| Seal             | Plastic, FPM/FKM                 |
| Protection class | IP67, Only when screwed together |
| Mechanical life  | > 500 Mating cycles              |
| Pollution degree | 3                                |

|                               |                      |
|-------------------------------|----------------------|
| Cable diameter                | Ø 8.5mm ±0.30        |
| Cable length                  | 0.2 m                |
| Cable jacket                  | PUR, Gray            |
| Shielding                     | no                   |
| Bending radius (flexible use) | ≥ 10 x Ø             |
| Core insulation               | PP                   |
| Core colors                   | BN, WH, BU, BK, GNYE |
| Core cross-section            | 5 x 1.5              |
| Arrangement of strands        | 84 x 0.15            |
| Rated current                 | 12 A                 |
| DC resistance                 | 13.3 Ω               |

|                                        |             |
|----------------------------------------|-------------|
| Voltage                                | 125 V       |
| Ambient temperature range (stationary) | -40...+90°C |
| Ambient temperature range (In motion)  | 0...+90°C   |
| Qualified for drag chain use           | yes         |
| Oil-resistant                          | yes         |
| Flame-retardant                        | yes         |
| Halogen-free                           | yes         |
| Current                                | 7 A         |