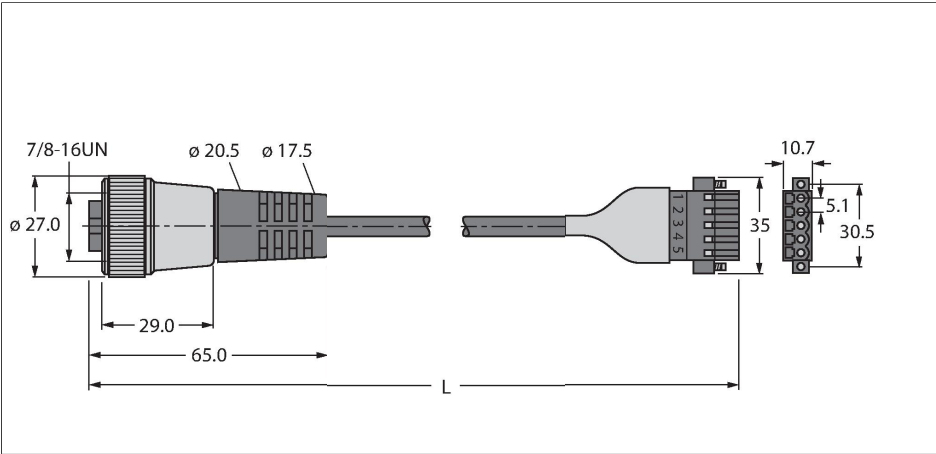


# RKM CBC5 5723-1M

## Bus Cable for CAN (DeviceNet, CANopen) – TPU Cable Jacket



### Technical data

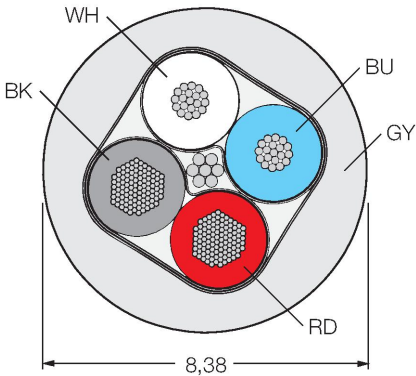
|                        |                                 |
|------------------------|---------------------------------|
| Type                   | RKM CBC5 5723-1M                |
| ID                     | U8722-1                         |
| Connector A            | Female, 7/8"-16 UN, Straight    |
| Number of pins         | 5                               |
| Contacts               | Metal, CuZn, Gold-plated        |
| Contact carriers       | Plastic, TPU, Blue              |
| Connector body         | Plastic, TPU, Blue              |
| Coupling nut/screw     | Brass, CuZn, Nickel-plated      |
| Mechanical lifespan    | > 100 Mating cycles             |
| Pollution degree       | 3                               |
| Protection class       | IP67, Only in screwed condition |
| Number of Pins         | 5                               |
| Connector body         | Black                           |
| Protection class       | IP20                            |
| Cable                  |                                 |
| Network protocol       | DeviceNet<br>CANopen, 5723      |
| Cable diameter         | Ø 8.38 mm                       |
| Cable length           | 1 m                             |
| Cable jacket           | TPU, Gray                       |
| Shielding              | yes                             |
| Core insulation        | PE (Data), PVC (Power)          |
| Data cable cores       |                                 |
| Core cross-section     | 2 x 0.52 mm²                    |
| Arrangement of strands | 41 x 0.1 mm                     |
| Power cable cores      |                                 |

### Features



- Jacket material: PUR
- Jacket color: gray
- Suitable for drag chain use
- UL approval
- Open connector
- 7/8" female, straight
- Cable length: 1.0 m

### Cable Cross-Section



### Contact assignment



## Technical data

|                                          |                             |
|------------------------------------------|-----------------------------|
| Core cross-section                       | 2x 1.04 mm <sup>2</sup>     |
| Litz wire arrangement                    | 82 x0.1 mm                  |
| Core colors                              | Power: RD, BK, Data: WH, BU |
| Electrical properties at +20 °C          |                             |
| Rated voltage                            | 300 V                       |
| Current                                  | 7 A                         |
| DC resistance (loop)                     | 34.1 Ω/km                   |
| Nom. impedance                           | 110 Ω (1 MHz)               |
| Nom. capacitance                         | 40.52 pF/m                  |
| Mechanical and chemical properties       |                             |
| Bending radius (stationary installation) | ≥ 5 x Ø                     |
| Bending radius (flexible use)            | ≥ 15 x Ø                    |
| Ambient temperature (fixed)              | -40...+80 °C                |
| Other Features                           |                             |
| Qualified for drag chain use             | yes                         |
| Halogen-free                             | no                          |
| Approvals                                | UL<br>CSA                   |