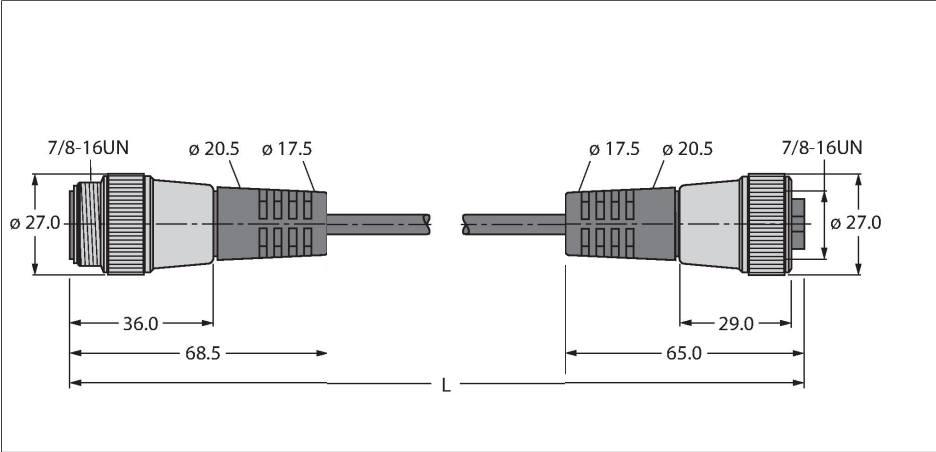


# RSM RKM 5723-2M

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



### Technical data

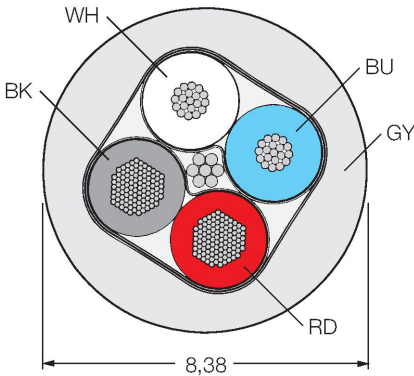
|                              |                                  |
|------------------------------|----------------------------------|
| Type                         | RSM RKM 5723-2M                  |
| ID                           | U8227-2                          |
| Connector A                  | Male, 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  |
| Connector B                  | Female, 7/8"-16 UN, Straight     |
| Number of Pins               | 5                                |
| Contacts                     | Metal, CuZn, Gold-plated         |
| Contact carriers             | Plastic, PUR, Blue               |
| Connector body               | Plastic, TPU, Blue               |
| Coupling nut/retaining screw | Brass, CuZn, Nickel-plated       |
| Mechanical life              | > 100 Mating cycles              |
| Protection class             | IP67, Only when screwed together |
| Cable                        |                                  |
| Network protocol             | DeviceNet<br>CANopen, 5723       |
| Cable diameter               | Ø 8.38 mm                        |
| Cable length                 | 2 m                              |
| Cable jacket                 | TPU, Gray                        |
| Shielding                    | yes                              |

### Features



- Jacket material: PUR
- Jacket color: gray
- Suitable for drag chain use
- UL approval
- 7/8" female, straight
- 7/8" male, straight
- Cable length: 2.0 m

### Cable Cross-Section



### Contact assignment



## Technical data

|                                                                              |                             |
|------------------------------------------------------------------------------|-----------------------------|
| Core insulation                                                              | PE (Data), PVC (Power)      |
| Data cable cores                                                             |                             |
| Core cross-section                                                           | 2 x 0.52 mm <sup>2</sup>    |
| Arrangement of strands                                                       | 41 x 0.1 mm                 |
| Power cable cores                                                            |                             |
| 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                   |
| Note                                                                         |                             |
| - We reserve the right to make technical modifications without prior notice. |                             |