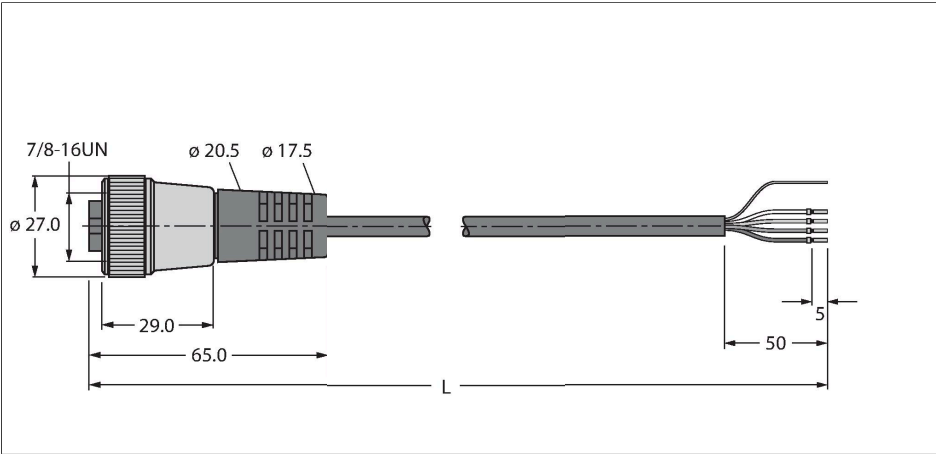


# RKM 5711-6M

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

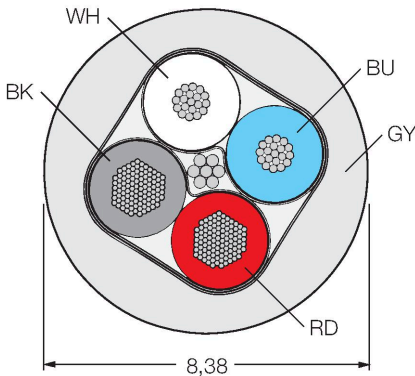


### Features

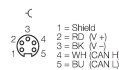


- Jacket material: PVC
- Jacket color: gray
- UL approval
- End open
- 7/8" female, straight
- Cable length: 6.0 m

### Cable Cross-Section



### Contact assignment



### Technical data

|                        |                                 |
|------------------------|---------------------------------|
| Type                   | RKM 5711-6M                     |
| ID                     | U0134-47                        |
| 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 |
| Cable                  |                                 |
| Network protocol       | DeviceNet<br>CANopen, 5711      |
| Cable diameter         | Ø 8.38 mm                       |
| Cable length           | 6 m                             |
| Cable jacket           | PVC, Gray                       |
| Shielding              | yes                             |
| Core insulation        | PE (Data), PVC (Power)          |
| Data cable cores       |                                 |
| Core cross-section     | 2 x 0.52 mm <sup>2</sup>        |
| Arrangement of strands | 19 x 0.19 mm                    |
| Power cable cores      |                                 |
| Core cross-section     | 2x 1.3 mm <sup>2</sup>          |
| Litz wire arrangement  | 65 x 0.16 mm                    |
| Core colors            | Power: RD, BK, Data: WH, BU     |

## Technical data

| Electrical properties at +20 °C                                              |                              |
|------------------------------------------------------------------------------|------------------------------|
| Rated voltage                                                                | 300 V                        |
| Current                                                                      | 7 A                          |
| DC resistance (loop)                                                         | 34.1 $\Omega$ /km            |
| Nom. impedance                                                               | 110 $\Omega$ (1 MHz)         |
| Nom. capacitance                                                             | 40.52 pF/m                   |
| Mechanical and chemical properties                                           |                              |
| Bending radius (stationary installation)                                     | $\geq 5 \times \varnothing$  |
| Bending radius (flexible use)                                                | $\geq 15 \times \varnothing$ |
| Ambient temperature range (stationary)                                       | -40...+80 °C                 |
| Other Features                                                               |                              |
| Qualified for drag chain use                                                 | no                           |
| Halogen-free                                                                 | no                           |
| Approvals                                                                    | UL<br>CSA                    |
| Note                                                                         |                              |
| - We reserve the right to make technical modifications without prior notice. |                              |