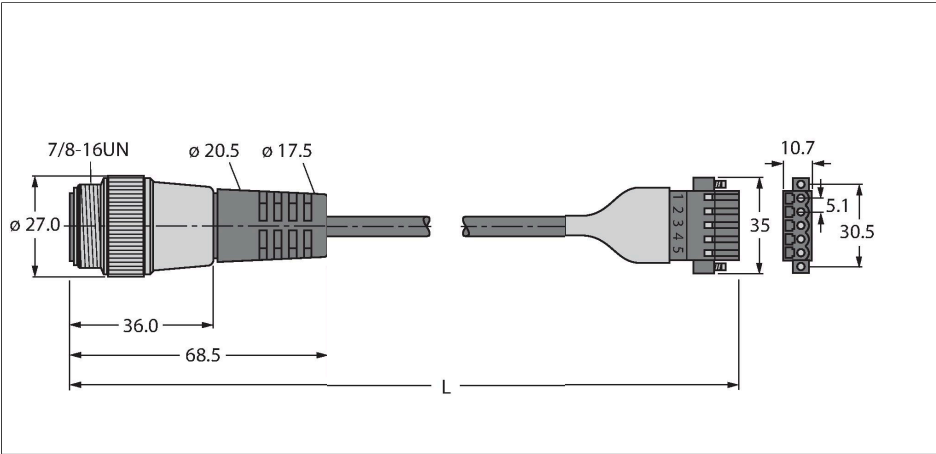


# RSM CBC5 5711-2M

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

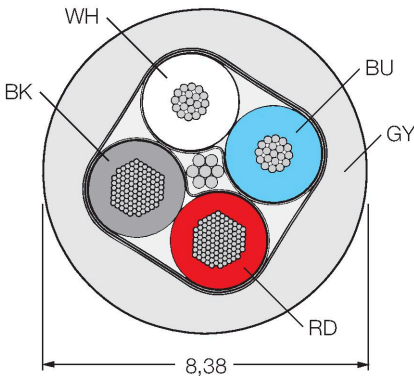


Features



- Jacket material: PVC
- Jacket color: gray
- UL approval
- Open connector
- 7/8" male, straight
- Cable length: 2.0 m

Cable Cross-Section



Contact assignment



Technical data

|                        |                                 |
|------------------------|---------------------------------|
| Type                   | RSM CBC5 5711-2M                |
| ID                     | U5490-25                        |
| 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, CBC5, Straight          |
| Number of Pins         | 5                               |
| Connector body         | Black                           |
| Protection class       | IP20                            |
| Cable                  |                                 |
| Network protocol       | DeviceNet<br>CANopen, 5711      |
| Cable diameter         | Ø 8.38 mm                       |
| Cable length           | 2 m                             |
| Cable jacket           | PVC, Gray                       |
| Shielding              | yes                             |
| Core insulation        | PE (Data), PVC (Power)          |
| Data cable cores       |                                 |
| Core cross-section     | 2 x 0.52 mm²                    |
| Arrangement of strands | 19 x 0.19 mm                    |

Technical data

|                                                                              |                             |
|------------------------------------------------------------------------------|-----------------------------|
| Power cable cores                                                            |                             |
| Core cross-section                                                           | 2x 1.3 mm <sup>2</sup>      |
| Litz wire arrangement                                                        | 65 x0.16 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                                                 | no                          |
| Halogen-free                                                                 | no                          |
| Approvals                                                                    | UL<br>CSA                   |
| Note                                                                         |                             |
| - We reserve the right to make technical modifications without prior notice. |                             |