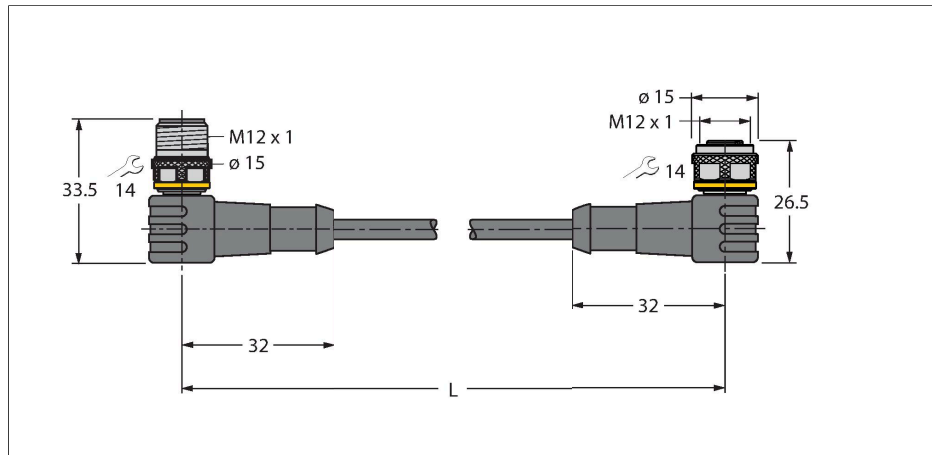


# WSC WKC 572-4M

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



### Features

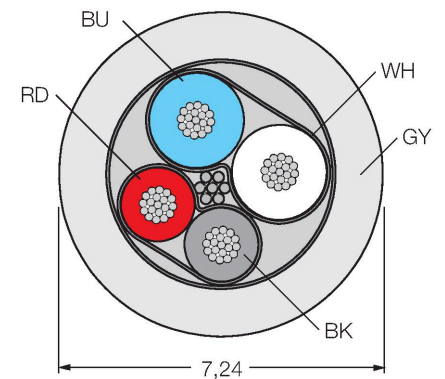


- Jacket material: PVC
- Power pair: AWG 2/22
- Data pair: AWG 2/22
- Jacket color: gray
- UL approval
- M12-female, angled, A-coded
- M12 male connector, angled, A-coded
- Cable length: 4.0 m

### Technical data

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Type                         | WSC WKC 572-4M                                             |
| ID                           | U2532-104                                                  |
| Connector A                  | Male, M12 × 1, Angled, A-coded                             |
| 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                                 |
| Tightening torque (range)    | 0.8 ... 1 Nm<br>(observe max. torque of mating connector!) |
| Mechanical lifespan          | > 100 Mating cycles                                        |
| Pollution degree             | 3                                                          |
| Protection class             | IP67, Only in screwed condition                            |
| Connector B                  | Female, M12 × 1, Angled, A-coded                           |
| Number of pins               | 5                                                          |
| Contacts                     | Metal, CuZn, Gold-plated                                   |
| Contact carriers             | Plastic, TPU, Blue                                         |
| Connector body               | Plastic, TPU, Blue                                         |
| Coupling nut/retaining screw | Brass, CuZn, Nickel-plated                                 |
| Seal                         | Plastic, FPM/FKM                                           |
| Tightening torque            | 0.8 ... 1 Nm (observe max. torque of mating connector!)    |
| Mechanical life              | > 100 Mating cycles                                        |
| Pollution degree             | 3                                                          |
| Protection class             | IP67, Only when screwed together                           |

### Cable Cross-Section



### Contact assignment



## Technical data

| Cable                                                                        |                             |
|------------------------------------------------------------------------------|-----------------------------|
| Network protocol                                                             | DeviceNet<br>CANopen, 572   |
| Cable diameter                                                               | Ø 7.2 mm                    |
| Cable length                                                                 | 4 m                         |
| Cable jacket                                                                 | PVC, Gray                   |
| Shielding                                                                    | yes                         |
| Core insulation                                                              | PE (Data), PVC (Power)      |
| Data cable cores                                                             |                             |
| Core cross-section                                                           | 2 x 0.34 mm <sup>2</sup>    |
| Arrangement of strands                                                       | 19 x 0.15 mm                |
| Power cable cores                                                            |                             |
| Core cross-section                                                           | 2x 0.34 mm <sup>2</sup>     |
| Litz wire arrangement                                                        | 19 x0.15 mm                 |
| Core colors                                                                  | Power: RD, BK, Data: WH, BU |
| Electrical properties at +20 °C                                              |                             |
| Rated voltage                                                                | 250 V                       |
| Current                                                                      | 4 A                         |
| DC resistance (loop)                                                         | 59.3 Ω/km                   |
| Nom. impedance                                                               | 126 Ω (1 MHz)               |
| Nom. capacitance                                                             | 39 pF/m                     |
| Mechanical and chemical properties                                           |                             |
| Bending radius (stationary installation)                                     | ≥ 5 x Ø                     |
| Bending radius (flexible use)                                                | ≥ 15 x Ø                    |
| Ambient temperature range (stationary)                                       | -40...+80 °C                |
| Ambient temperature range (In motion)                                        | -30...+75 °C                |
| Other Features                                                               |                             |
| Qualified for drag chain use                                                 | no                          |
| Halogen-free                                                                 | no                          |
| LABS free                                                                    | yes                         |
| UV resistance                                                                | yes                         |
| Approvals                                                                    | UL<br>CSA                   |
| Note                                                                         |                             |
| - We reserve the right to make technical modifications without prior notice. |                             |