

Model Number

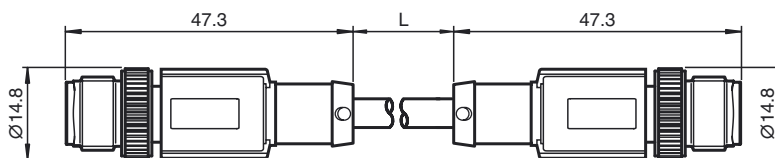
V1SD-G-5M-PUR-ABG-V1SD-G

Ethernet bus cable, M12 to M12, PUR cable 4-pin, CAT5e

Features

- D coding for Ethernet
- Hard-wearing PUR cable
- CAT5/CAT5e cable

Dimensions



Technical data

General specifications

| | |
|---------------------|----------------|
| Number of pins | 4 |
| Connection 1 | Male connector |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | Male connector |
| Construction type 2 | straight |
| Threading 2 | M12 |

Electrical specifications

| | | |
|-------------------|----------------|-----------|
| Operating voltage | U _B | max. 60 V |
| Test voltage | | 1000 V |
| Operating current | | max. 4 A |
| Volume resistance | | ≤ 5 mΩ |

Ambient conditions

| | |
|---------------------|---|
| Ambient temperature | -25 ... 90 °C (-13 ... 194 °F) cable, fixed: -40 ... 70 °C (-40 ... 158 °F) cable, flexing: -10 ... 50 °C (14 ... 122 °F) |
| Pollution Degree | 3 |

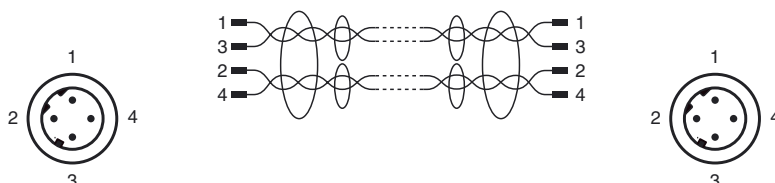
Mechanical specifications

| | | |
|------------------------|--|-----|
| Protection degree | IP65 / IP67/ IP69K | |
| Connection | 2 x M12 x 1 connector, 4-pin, D-coded | |
| Material | | |
| Contacts | CuSn | |
| Contact surface | Ni/Au | |
| Body | TPU, black | |
| Cable | PUR | |
| Slotted nut | Zinc die-casting, nickel-plated | |
| Core insulation | PE | |
| Cable | 2 pairs with 2 wires each with 2 fillers for the core | |
| Sheath diameter | 6.7 mm | |
| Bending radius | > 34 mm | |
| Color | water blue (RAL 5021) | |
| Cores | 4 x 0.14 mm ² / 26 AWG | |
| Conductor construction | 7 x 0.15 mm Ø | |
| Shield | Aluminum-lined polyester foil Tinned copper braiding, 65 % coverage | |
| Length | L | 5 m |

Compliance with standards and directives

| | |
|---------------------|---|
| Standard conformity | |
| Standards | CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001) |

Electrical connection



Release date: 2012-01-18 10:34 Date of issue: 2012-01-18 209753_eng.xml