

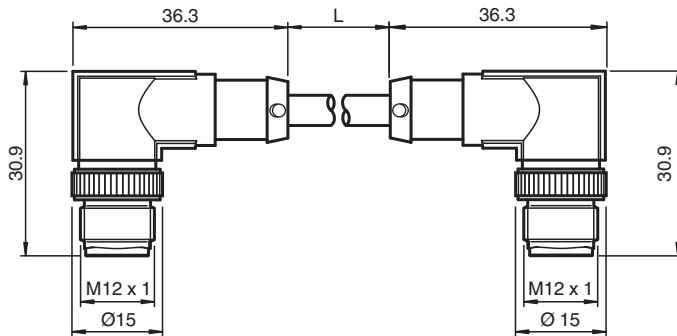
Connection cable, Ethernet V1SD-W-10M-PUR-ABG-V1SD-W

- Hard-wearing PUR cable
- Industrial Ethernet
- D coding for Ethernet
- CAT5/CAT5e cable
- Free of paint wetting interfering substances
- Halogen-free
- Screw connection suitable for tool assembly
- Immunity to vibration, with mechanical latching

Ethernet bus cable M12 plug angled to M12 plug angled D-coded, 4-pin, PUR cable blue, Cat5e, shielded



Dimensions



Technical Data

General specifications

| | | |
|-------------------|--|------------------|
| Connector 1 | | |
| Connection | | plug |
| Construction type | | M12 |
| Style | | angled |
| Locking | | screw connection |
| Number of pins | | 4 |
| Coding | | D-coded |
| Connector 2 | | |
| Connection | | plug |
| Construction type | | M12 |
| Style | | angled |
| Locking | | screw connection |
| Number of pins | | 4 |
| Coding | | D-coded |

Electrical specifications

| | | |
|-------------------|-------|------------------------|
| Operating voltage | U_B | max. 48 V AC / 60 V DC |
| Operating current | I_B | max. 1 A |

Conformity

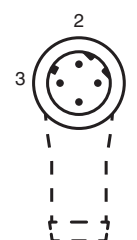
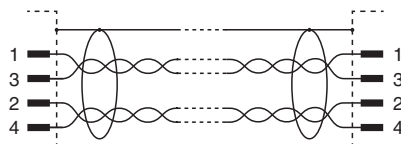
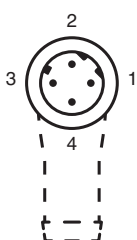
| | | |
|----------------------|--|-------------------------------------|
| Degree of protection | | EN 60529 |
| Plug connection | | connector M12 x 1 : IEC 61076-2-101 |

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Technical Data

| | | |
|----------------------------------|--|------|
| Component category | CAT5 (IEC 11801) , CAT5e (IEC 61156-6) | |
| Flammability | IEC 60332-1-2 / UL 2556 | |
| Halogen-free | IEC 60754-1 | |
| Ambient conditions | | |
| Ambient temperature | | |
| Plug connector | -25 ... 90 °C (-13 ... 194 °F) | |
| Cable, fixed | -40 ... 80 °C (-40 ... 176 °F) | |
| Cable, flexing | -20 ... 80 °C (-4 ... 176 °F) | |
| Pollution degree | 3 | |
| Mechanical specifications | | |
| Plug connector | | |
| Tightening torque | 0.4 Nm | |
| Loosening protection | available | |
| Tool installation | straight knurling | |
| Mating cycles | min. 100 | |
| Shielding | shield connected to screw connection | |
| Degree of protection | IP65/IP67 | |
| Cable | | |
| Sheath diameter | 6.4 mm | |
| Bending radius | > 8 x cable diameter, moving > 4 x cable diameter, fixed | |
| Sheath color | water blue (RAL 5021) | |
| Number of cores | 4 | |
| Core cross section | 0.14 mm ² | |
| Cores color | Core 1: white/orange Core 2: white/green Core 3: orange Core 4: green | |
| Core construction | 7 x 0.16 mm Ø twisted pairs | |
| Shield | aluminum-lined polyester foil Tinned copper braiding, 70 % coverage | |
| Length | L | 10 m |
| Material | | |
| PWIS free | yes | |
| Halogen-free | yes | |
| Plug connector | | |
| Screw connection | Zinc diecast, nickel-plated | |
| Body | TPU, black | |
| Contact surface | Ni/Au | |
| Flammability | V-2 | |
| Cable | | |
| Sheathing | PUR | |
| Core insulation | PE | |
| Flammability | VW-1 | |

Connection



Accessories

| | | |
|---|------------------------------|--|
|  | MH V1-SCREWDRIVER | Torque screwdriver (0.6 Nm) |
|  | MH V1-BIT M12 | plug-in cap M12 |
|  | V1/V3-LABELHOLDER | Label holder |
|  | V1/V3-LABEL | Label plate |
|  | MH V1-Holder | Modular universal holder for M12 connectors |
|  | V1-CLIP | Unlocking protector for M12 connector |
|  | V1-MARKING-RING-COLOR | Marking rings for M12 connectors, various colors |