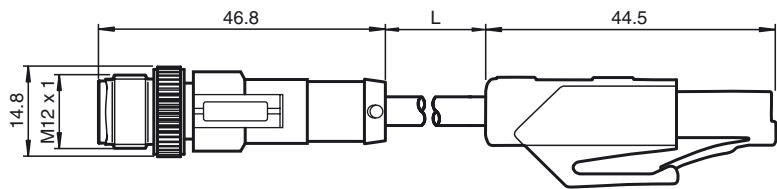


Dimensions



Model Number

V1SD-G-10M-PUR-ABG-V45-G

Connection cable, M12 to RJ-45, PUR cable 4-pin, CAT5e

Features

- D coding for Ethernet
- Hard-wearing PUR cable
- CAT5/CAT5e cable
- Halogen-free
- Completely silicon free

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 | RJ-45 |

Electrical specifications

| | | |
|-------------------|-------|------------------------|
| Operating voltage | U_B | max. 48 V AC / 60 V DC |
| Operating current | I_B | max. 4 A |
| Volume resistance | | 150 m Ω /m |

Ambient conditions

| | |
|---------------------|--|
| Ambient temperature | -20 ... 60 °C (-4 ... 140 °F) , stationary 0 ... 50 °C (32 ... 122 °F) , moving |
|---------------------|--|

Mechanical specifications

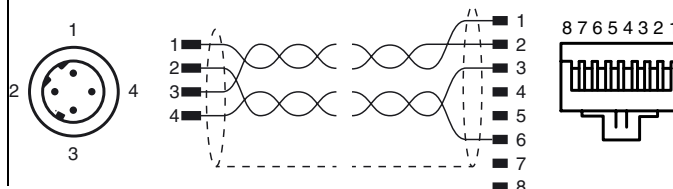
| | |
|----------------------|---|
| Degree of protection | IP67 / IP20 |
| Connection | M12 x 1 connector, 4-pin, D-coded RJ-45 Category 5 , up to 100 MHz |

| | |
|------------------------|--|
| Material | |
| Contacts | CuSn |
| Contact surface | Ni/Au |
| Body | TPU, black / PA |
| Cable | PUR |
| Core insulation | PE |
| Cable | 2 pairs with 2 wires each with 2 fillers for the core |
| Sheath diameter | 6.7 mm |
| Bending radius | > 35 mm |
| Color | water blue (RAL 5021) |
| Number of cores | 4 |
| Core cross-section | 0.14 mm ² |
| Conductor construction | 7 x 0.15 mm \varnothing |
| Shield | aluminum-lined polyester foil Tinned copper braiding, 65 % coverage |
| Length | L 10 m |

Compliance with standards and directives

| | |
|----------------------------|---|
| Standard conformity | |
| Standards | CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001) |
| Specification | connector M12 x 1 : IEC 61076-2-101 |

Electrical connection



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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".