

| Technical data : | |
|---------------------------|-------------|
| Rated voltage | 24 V DC |
| Rated current | 500 mA |
| Ambient temperature range | -25...70 °C |

| Protection : | |
|-------------------|------|
| Protection degree | IP67 |

| M12 straight male connector : | |
|---|--|
| Locking nut/screw material | Zamak, nickel-plated |
| Overmoulding material | TPU, self-extinguishing |
| Contact diameter | Ø1 mm |
| Contact material | CuZn, pre-plated with nickel and gold-plated |
| Contact resistance | < 5 mΩ |
| Peripheral shielding connected to locking nut/screw | |

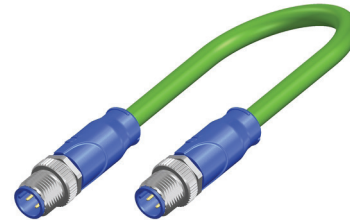
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|---|--|
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| Contact diameter | Ø1 mm |
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| Contact resistance | < 5 mΩ |
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| Shielded cable characteristics : | |
|--|--------------------------------|
| Type of cable | PROFINET CAT.5 (10-100 Mbit/s) |
| Suitable for EtherCAT and EtherNet/IP applications | |
| Sheath material | PVC |
| Wire structure | 2 x 2 x AWG22 (PE) |
| Conductor class | AWG22/7 (Ø 1,5 mm) |
| Sheath diameter | 6,5 mm |
| Conductor resistance | < 120 Ω/km (loop) |
| Characteristic impedance | 100 Ω @ 100 MHz |
| Insulation resistance | 500 MΩ*km |
| Tin-plated copper braided shielding covering rate: 85% | |
| Flame resistance according to | UL1685 (CSA FT 4) |
| Shielding material according to DIN EN 13602 | Cu-ETP-A...-B |

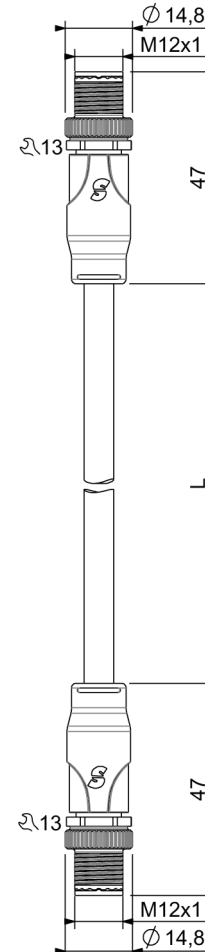
| Cable length : | |
|----------------|------------|
| L length | 3 m |
| Other length | On request |

V12D/4DLM35P

Field bus



Dimensions :



Wiring diagram :

