

Technical data :

| | |
|---------------------------|------------|
| Rated voltage | 24 V DC |
| Rated current | 500 mA |
| Ambient temperature range | -5...60 °C |

Protection :

| | |
|-------------------|------|
| Protection degree | IP65 |
|-------------------|------|

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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Shielded cable characteristics :

| | |
|---|---------------------------------------|
| Type of cable | ETHERNET CAT.5e (10-100 Mbit/s) |
| Suitable for EtherCAT and EtherNet/IP applications | |
| Sheath material | Halogen free PUR |
| Wire structure | 2 x 2 x AWG26 (0,14 mm ²) |
| Conductor class | 7 x 0,16 mm |
| Sheath diameter | 5,6 mm |
| Conductor resistance | < 285 Ω/km (loop) |
| Characteristic impedance | 100 Ω (1-100 MHz) |
| Insulation resistance | 5 GΩ*km |
| Tin-plated copper braided shielding + Aluminium fleece covering rate: 85% | |
| Flame resistance according to | IEC 60332-1 (VDE 0472-804/B) |
| Oil resistance according to | Good mineral oil resistance |

Cable protection characteristics :

| | |
|--|----------------------|
| Silicone rubber-coated fiberglass braided sleeving | |
| Max. contact temperature | +250°C (peak +290°C) |
| Max. sleeving length = 5 m | |

Cable length :

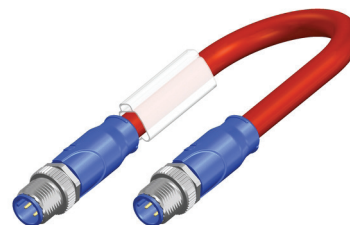
| | |
|--------------|------------|
| L length | 1 m |
| Other length | On request |

Accessories (included) :

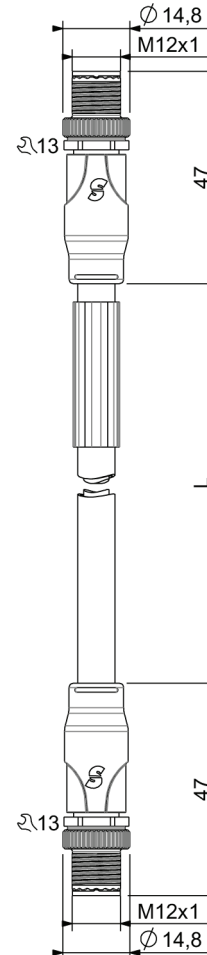
1 label holder

V12D/4DLM12TS

Field bus



Dimensions :



Wiring diagram :

