

Technical data :

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|---------------------------|-------------|
| Rated voltage | 24 V DC |
| Rated current | 500 mA |
| Ambient temperature range | -10...60 °C |

Protection :

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|-------------------|--------------------|
| Protection degree | IP67 / IP20 (RJ45) |
|-------------------|--------------------|

M12 straight male connector :

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|---|--|
| 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 | |

RJ45 straight male connector :

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|------------------|---------------------------|
| Contact material | Copper alloy, gold-plated |
| Hood material | Zamak, nickel-plated |

Shielded cable characteristics :

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|---|--------------------------------|
| Type of cable | PROFINET CAT.5 (10-100 Mbit/s) |
| Suitable for EtherCAT and EtherNet/IP applications | |
| Sheath material | Halogen free PUR |
| Wire structure | 2 x 2 x AWG22 (PE) |
| Conductor class | AWG22/19 (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% | |

Shielding material according to DIN EN 13602 Cu-ETP-A...-B
 Cable resistant to high torsion loads. Tested for more than one million bending cycles combined with 180° left/right movement over 1 metre

Minimum bending radius : 5 x outer diameter

Flame resistance according to IEC 60332-1-2

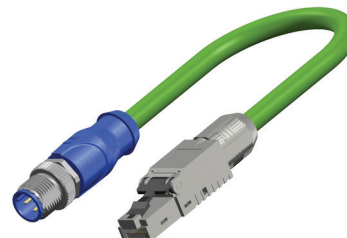
Halogen free cable according to DIN VDE 0472 Part 815

Cable length :

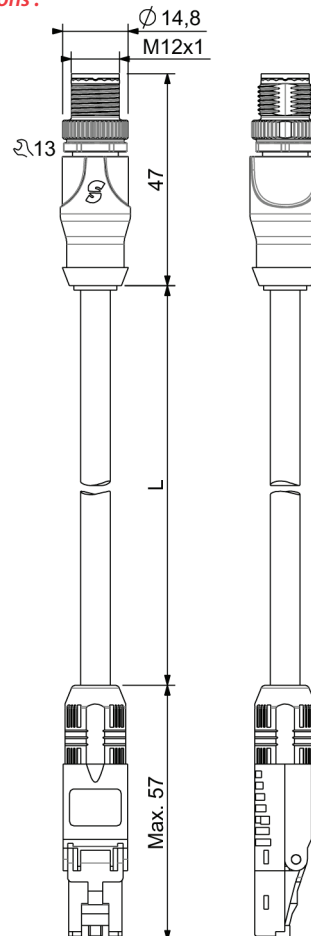
| | |
|--------------|------------|
| L length | 3 m |
| Other length | On request |

V12DRJ45/4DLM34P

Field bus



Dimensions :



Wiring diagram :

