

**Technical data :**

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

**Protection :**

Protection degree	IP67
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**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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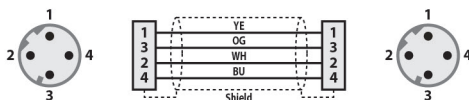
**Shielded cable characteristics :**

Type of cable	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 (diamètre des fils 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	IEC 60332-1-2
Admissible torsion	+/- 180° on 1m
Shielding material according to DIN EN 13602 Cu-ETP-A...-B	

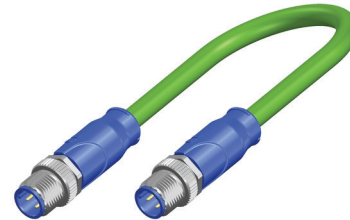
**Cable length :**

L length	5 m
Other length	On request

**Wiring diagram :**



**V12D/4DLM54P**  
 Field bus



**Dimensions :**

