

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

Protection :	
Protection degree	IP67

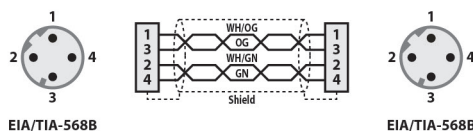
M12 straight male connector :	
Locking nut/screw material	Zamak, nickel-plated
Overmoulding material	TPU, self-extinguishing
Contact diameter	Ø1 mm
Contact material	CuZn, pre-plated with nickel and gold-plated
Contact resistance	< 5 mΩ
Peripheral shielding connected to locking nut/screw	

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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 <sup>2</sup> )
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
Halogen free cable according to DIN VDE 0472 Part 815	

Cable length :	
L length	80 m
Other length	On request
Length > 60 m and up to 100 m max. : stationary use only (cable trough)	

**Wiring diagram :**



**Dimensions :**

