

**Technical data :**

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

**Protection :**

Protection degree	IP67 / IP20 (RJ45)
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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	

**Connector (RJ45) :**

Contact material	Copper alloy, gold-plated contact area
Contact resistance	< 230 mΩ

**Shielded cable characteristics :**

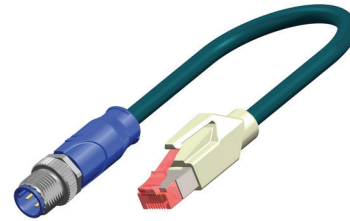
Type of cable	ETHERNET CAT.5e (10-100 Mbit/s)
Suitable for EtherCAT and EtherNet/IP applications	
Sheath material	Halogen free PUR
Wire structure	2 x 2 x AWG26 (0,14 mm <sup>2</sup> )
Conductor class	7 x 0,16 mm
Sheath diameter	5,6 mm
Conductor resistance	< 285 Ω/km (loop)
Characteristic impedance	100 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

**Cable length :**

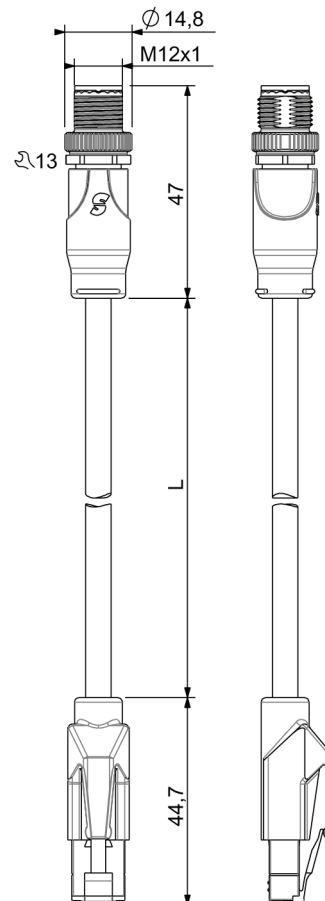
L length	25 m
Other length	On request

## V12DRJ45/4DLM252

Field bus



**Dimensions :**



**Wiring diagram :**

