

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	

M12 straight female 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	

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

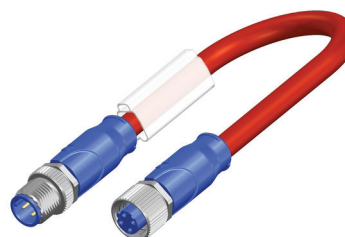
Cable protection characteristics :	
Silicone rubber-coated fiberglass braided sleeving	
Max. contact temperature	+250°C (peak +290°C)
Max. sleeving length = 5 m	

Cable length :	
L length	4 m
Other length	On request

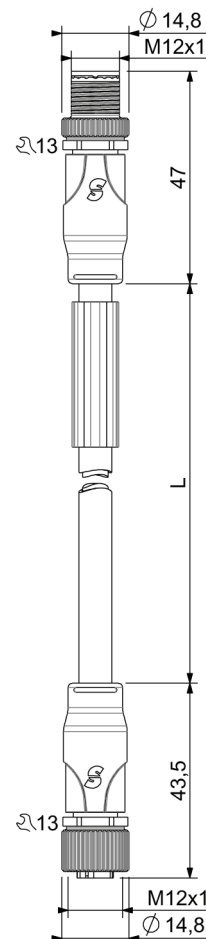
Accessories (included) :	
1 label holder	

V12D/4MLL42TS

Field bus - Specific



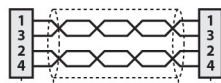
Dimensions :



Wiring diagram :



EIA/TIA-568B



EIA/TIA-568B