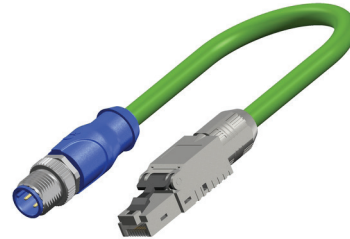


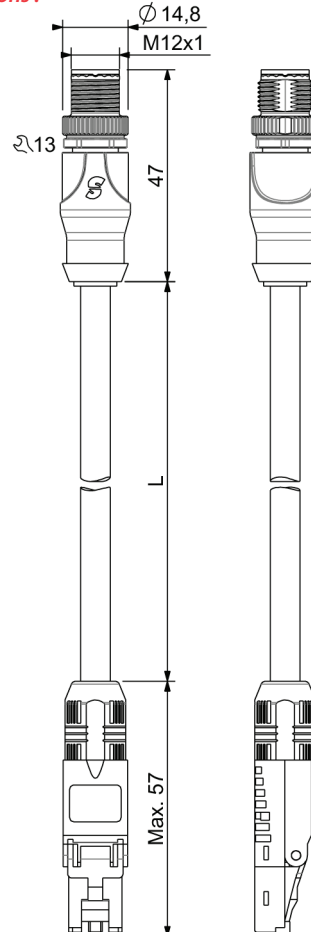
Technical data :	
Rated voltage	24 V DC
Rated current	500 mA
Ambient temperature range	-10...60 °C
Protection :	
Protection degree	IP67 / IP20 (RJ45)
M12 straight male connector :	
Locking nut/screw material	Zamak, nickel-plated
Overmoulding material	TPU, self-extinguishing
Contact diameter	Ø1 mm
Contact material	CuZn, pre-plated with nickel and gold-plated
Contact resistance	< 5 mΩ
Peripheral shielding connected to locking nut/screw	
RJ45 straight male connector :	
Contact material	Copper alloy, gold-plated
Hood material	Zamak, nickel-plated
Shielded cable characteristics :	
Type of cable	PROFINET CAT.5 (10-100 Mbit/s)
Suitable for EtherCAT and EtherNet/IP applications	
Sheath material	PVC
Wire structure	2 x 2 x AWG22 (PE)
Conductor class	AWG22/7 (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%	
Flame resistance according to	UL1685 (CSA FT 4)
Shielding material according to DIN EN 13602 Cu-ETP-A...-B	
Cable length :	
L length	50 m
Other length	On request

## V12DRJ45/4DLM505P

Field bus



**Dimensions :**



**Wiring diagram :**

