

Technical data :	
Rated voltage	48 V AC/DC
Rated current	4 A
Insulation resistance	> 1000 MΩ
Ambient temperature range	-10...50 °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

M12 angled female connector :	
Locking nut/screw material	CuZn, nickel-plated
Spot welding splash protection sleeve	
Overmoulding material	TPU, self-extinguishing
Contact diameter	Ø1 mm
Contact material	CuZn, pre-plated with nickel and gold-plated
Contact resistance	< 5 mΩ

Cable characteristics :	
Sheath material	PUR + FEP
Wire structure	4 x 0,34 mm ²
Conductor class	6
Sheath diameter	5 mm / 6 mm
Flame resistance according to	IEC 60332-1 (VDE 0472-804/B)
Oil resistance according to	EN 50363 & IEC 60811-2-1 & CNOMO

Cable protection characteristics (detail) :	
FEP external sheath	
Max. contact temperature	+205°C (peak +250°C)

Cable length :	
L standard lengths	1 m / 2 m / 5 m / 10 m
Other length	On request
Reference : replace «...» by length required:	1/2/5/10

Accessories (included) :	
2 label holders	

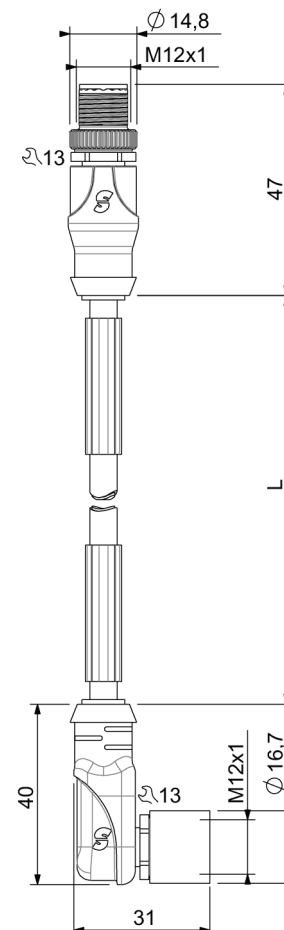
Remarks :	
(*) If use at constant temperature, operating temperature range could be -25...70°C	

ST12/4MLC...2P

Welding environment



Dimensions :



Wiring diagram :

