

Technical data :	
Operating voltage	10...30 V 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 (LEDs) :	
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
LED(s) colour	LEDs (YE / RD / GN)
Compatibility type	PNP
Current consumption per LED	< 5 mA

Status indication :	
Signal (2)	Red LED
Signal (4)	Yellow LED
Power	Green LED

Cable characteristics :	
Sheath material	PUR + FEP
Wire structure	4 x 0,34 mm <sup>2</sup>
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

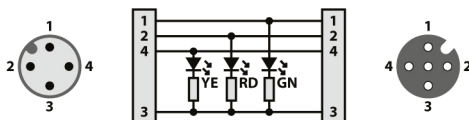
Cable protection characteristics (detail) :	
FEP external sheath	
Max. contact temperature	+205°C (peak +250°C)

Cable length :	
L length	5 m
Other length	On request

Accessories (included) :	
2 label holders	

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

**Wiring diagram :**



## ST12/4MLP3R52P

Welding environment



**Dimensions :**

