

### 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
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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

### 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	1,5 m
Other length	On request

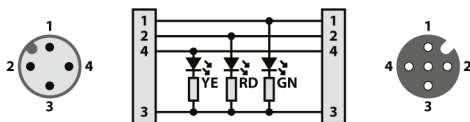
### Accessories (included) :

2 label holders

### Remarks :

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

### Wiring diagram :



## ST12/4MLP3R0152P

Welding environment



RoHS

### Dimensions :

