

Technical data :

Operating voltage	10...30 V DC
Rated current	4 A
Insulation resistance	> 1000 MΩ
Ambient temperature range	-25...70 °C

Protection :

Protection degree	IP65
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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	Zamak, 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 / YE / GN)
Compatibility type	PNP
Current consumption per LED	< 5 mA

Status indication :

Signal (2)	Yellow LED
Signal (4)	Yellow LED
Power	Green LED

Cable characteristics :

Sheath material	PVC
Wire structure	5 G 0,34 mm ²
Conductor class	6
Sheath diameter	5,8 mm
Flame resistance according to	IEC 60332-1 (VDE 0472-804/B)

Cable protection characteristic :

Silicone rubber-coated fiberglass braided sleeving

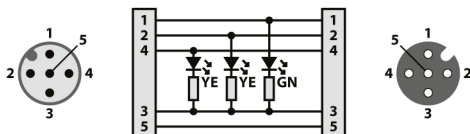
Tubing characteristic :

Ø10 / Ø14 mm high-strength silicone tubing
 Max. contact temperature +255°C (peak +300°C)
 Tube crimped to the female connector with a brass ring

Cable length :

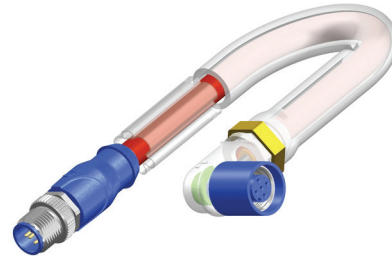
L length	1 m
Other length	On request

Wiring diagram :



T12/5MLP315DTS

Welding environment



Dimensions :

