

### Technical data :

Rated voltage	48 V AC/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 straight female connector :

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

### Cable characteristics :

Sheath material	PVC
Wire structure	5 G 0,34 mm <sup>2</sup>
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 :

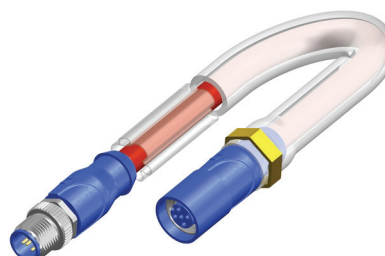
Ø10 / Ø14 mm high-strength silicone tubing  
Max. contact temperature +255°C (peak +300°C)  
Tube crimped to the female connector with a brass ring

### Cable length :

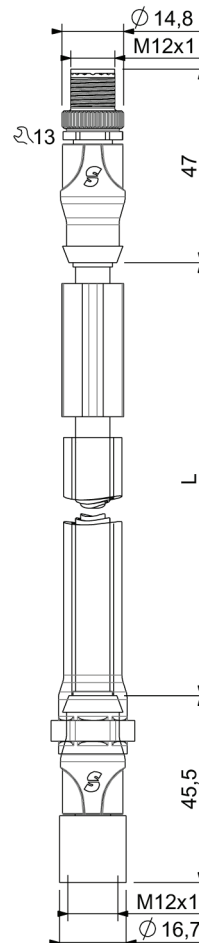
L length	2 m
Other length	On request

## T12/5MLL25DTS

Welding environment



### Dimensions :



### Wiring diagram :

