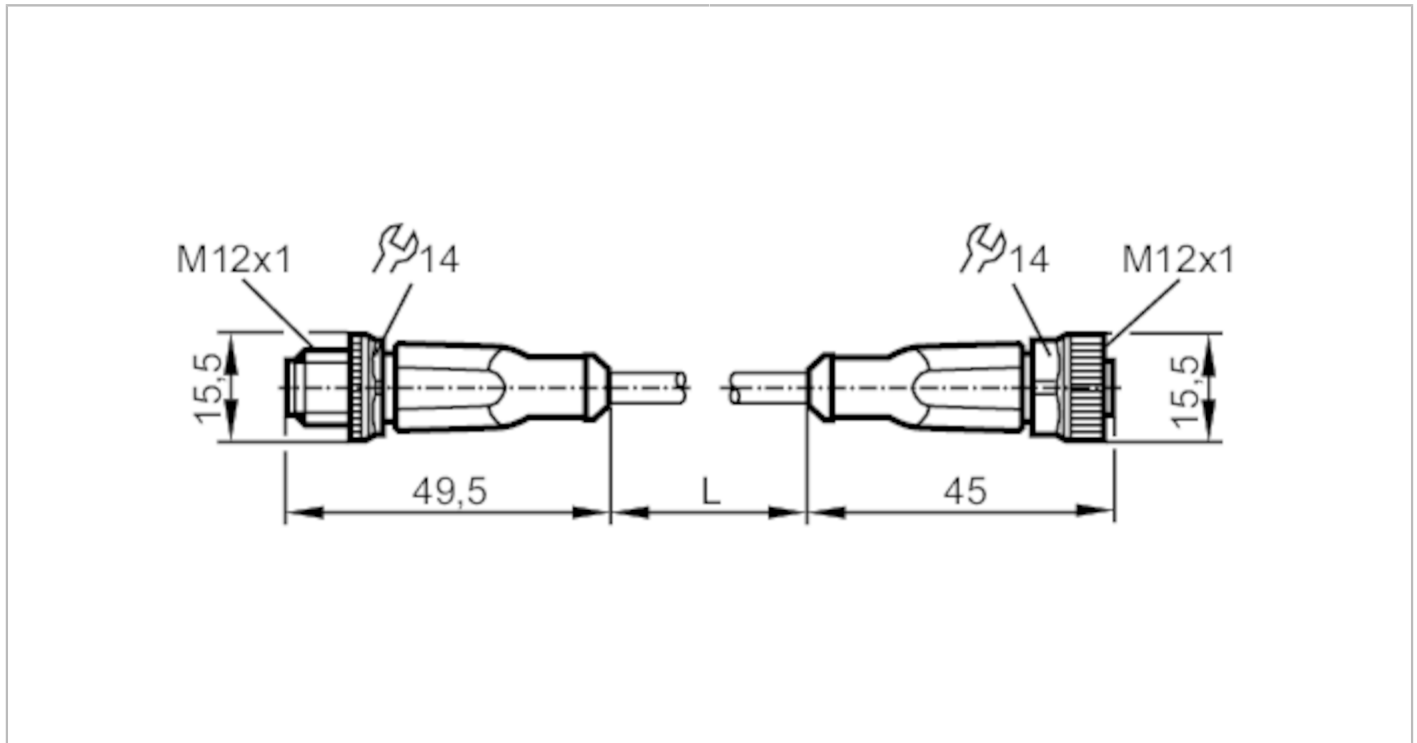


# EVW117



## Connection cable

VDOGH040SCS0010T04STGH040SCS



Application		
Application	welding applications	
Free from silicone	yes	
Electrical data		
Operating voltage [V]	< 250 AC / < 300 DC	
Protection class	II	
Max. current load total [A]	4	
Operating conditions		
Ambient temperature [°C]	-25...90	
Note on ambient temperature	cULus: ...75	
Ambient temperature (moving) [°C]	-25...90	
Note on ambient temperature (moving)	cULus: ...75	
Protection	IP 65; IP 67; IP 68; IP 69K	
Mechanical data		
Weight [g]	371.4	
Materials	housing: TPU orange; Sealing: FKM	
Material nut	brass, anti-spatter / brass, anti-spatter	
Drag chain suitability	yes	
Drag chain suitability	bending radius for flexible use	min. 10 x cable diameter
	travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s <sup>2</sup>
	bending cycles	> 2 Mio.
	torsional strain	± 180 °/m

# EVW117



## Connection cable

VDOGH040SCS0010T04STGH040SCS

### Remarks

Remarks	with 2 label holders 30 mm long
Pack quantity	1 pcs.

### Electrical connection - plug

Connector: 1 x M12, straight; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

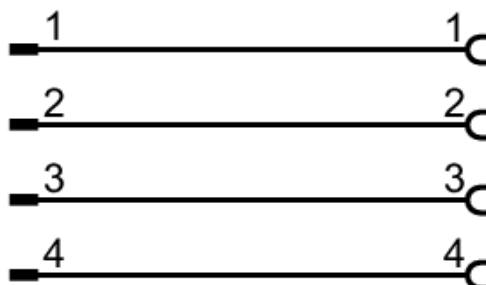


### Electrical connection

Cable: 10 m, PUR, Halogen-free, orange, Ø 4.9 mm; not irradiated (can be recycled); 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

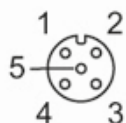
Cable: 10 m, PUR, Halogen-free, orange, Ø 4.9 mm; resistant to welding sparks; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Connection



### Electrical connection - socket

Connector: 1 x M12, straight; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm





## Connection cable

VDOGH040SCS0010T04STGH040SCS

### Diagrams and graphs

characteristic line for derating



Derating  $I_{max} * 0.8$  (DIN EN 60512-5-2)

X Ambient temperature [°C]

Y Current [A]