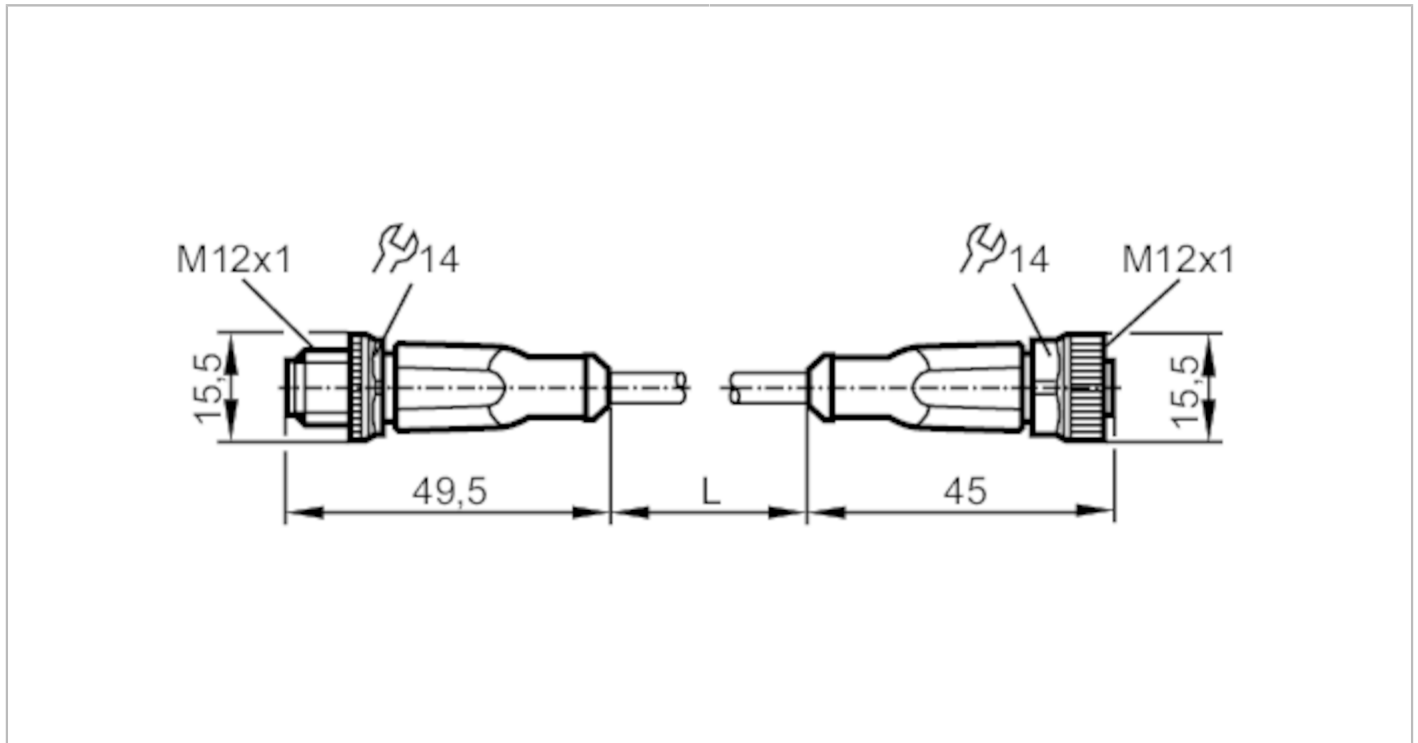


# EVW052



## Connection cable

VDOGH050SCS0005T05STGH050SCS



Application	
System	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Application	welding applications
Free from silicone	yes
Electrical data	
Operating voltage [V]	< 60 AC/DC
Protection class	II
Max. current load total [A]	4; (cULus: 3)
Operating conditions	
Ambient temperature [°C]	-25...90
Note on ambient temperature	cULus: ...75 °C
Ambient temperature (moving) [°C]	-25...90
Note on ambient temperature (moving)	cULus: ...75 °C
Protection	IP 65; IP 67; IP 68; IP 69K

# EVW052



## Connection cable

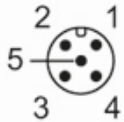
VDOGH050SCS0005T05STGH050SCS

Mechanical data		
Weight [g]	216.2	
Material	housing: TPU (urethane) orange; sealing: FKM	
Material nut	brass, weld coated / brass, weld coated	
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	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

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

### Electrical connection - plug

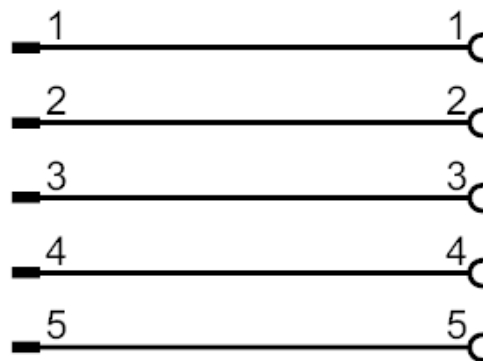
Connector: 1 x M12, straight; Locking: brass, weld coated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Electrical connection

Cable: 5 m, PUR, Halogen-free, grey, Ø 5.1 mm; not irradiated (can be recycled); resistant to welding sparks; 5 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Connection



### Electrical connection - Socket

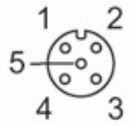
Connector: 1 x M12, straight; Locking: brass, weld coated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

# EVW052

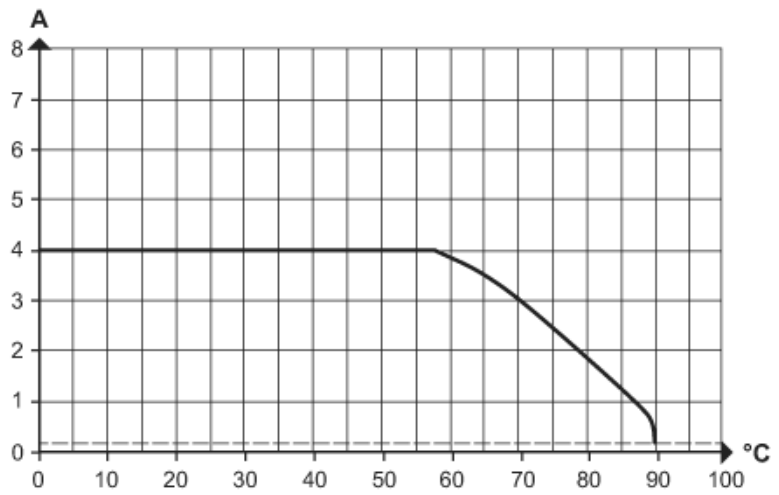


## Connection cable

VDOGH050SCS0005T05STGH050SCS



### Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]