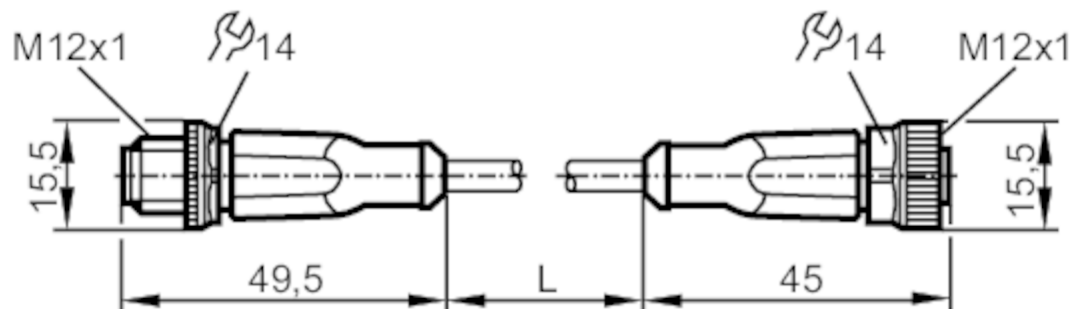# EVW137

Connection cable

VDOGH040SCS02,5T04STGH040SCS

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]	< 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
Storage temperature	[°C]	-25...55
Storage humidity	[%]	10...100
Other climatic conditions for storage according to stated class		1K22/ DIN 60721-3-1
Protection		IP 65; IP 67; IP 68; IP 69K

Mechanical data		
Weight	[g]	113.2
Material		housing: TPU (urethane) orange; sealing: FKM
Material nut		brass, weld coated

EVW137

Connection cable

VDOGH040SCS02,5T04STGH040SCS

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/s²	
	Bending cycles	> 2 Mio.	
	Torsional strain	± 180 °/m	

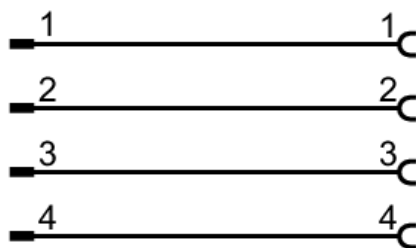| Remarks	
Remarks	with 2 label holders 30 mm long
Pack quantity	1 pcs.

Electrical connection - plug

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

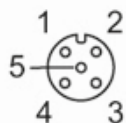

Electrical connection

Cable: 2.5 m, PUR, Halogen-free, grey, Ø 4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection

Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Locking: brass, weld coated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm
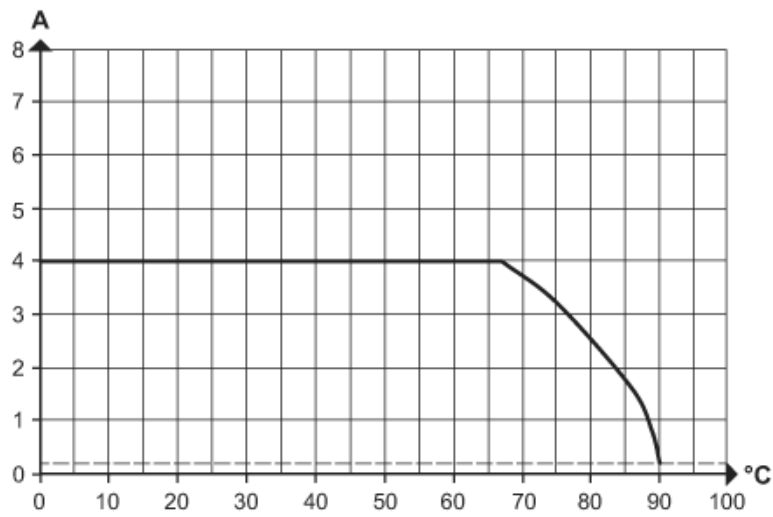
EVW137

Connection cable

VDOGH040SCS02,5T04STGH040SCS

Diagrams and graphs

Characteristic curve for derating

Derating Imax * 0.8 (DIN EN 60512-5-2)

X   Ambient temperature [°C]

Y   Current [A]