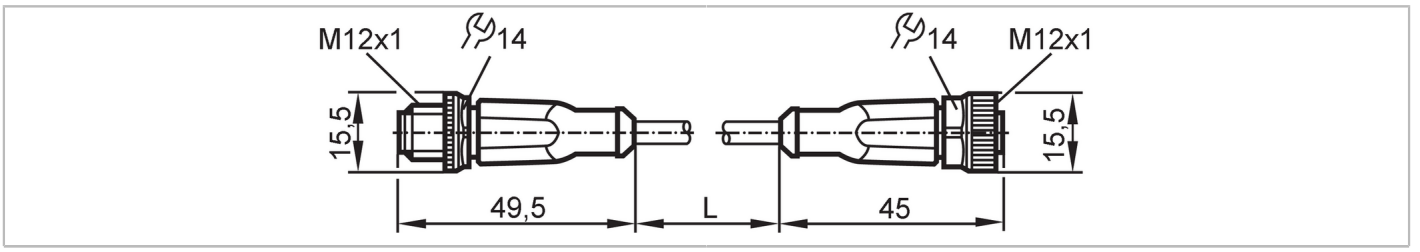
EVW144

Connection cable

VDOGH040SCS00,6T04STGH040SCS



Application			
Special feature		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]	54.6	
Moulded-body material		TPU	
Material nut		brass, anti-spatter	
Sealing material		FKM	
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/s²
		bending cycles	> 2 Mio.
		torsional strain	± 180 °/m
Remarks			
Remarks		with 2 label holders 30 mm long	
Pack quantity		1 pcs.	

EVW144

Connection cable

VDOGH040SCS00,6T04STGH040SCS

Electrical connection - plug

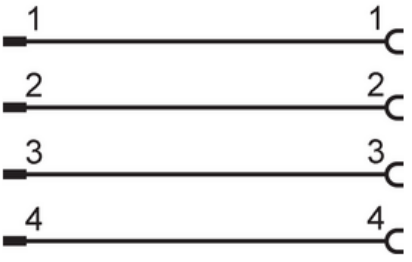
Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: TPU, orange; Locking: brass, anti-spatter; Tightening torque: 0.6...1.5 Nm



Electrical connection

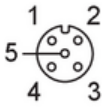
Cable: 0.6 m, PUR, Halogen-free, grey, Ø 4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



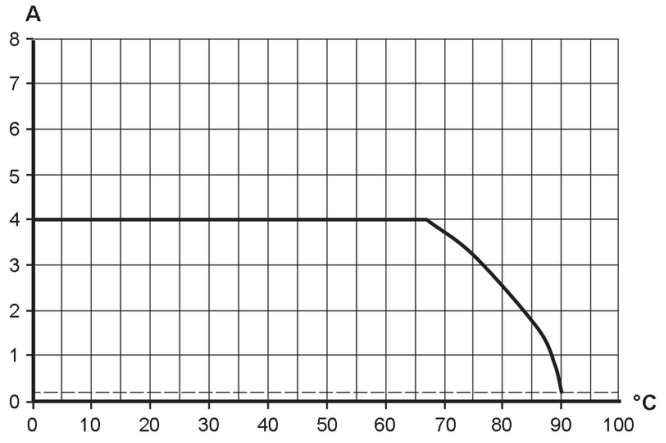
Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: TPU, orange; Locking: brass, anti-spatter; Sealing: FKM; Tightening torque: 0.6...1.5 Nm



Diagrams and graphs

characteristic line for derating



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

X Ambient temperature [°C]

Y Current [A]