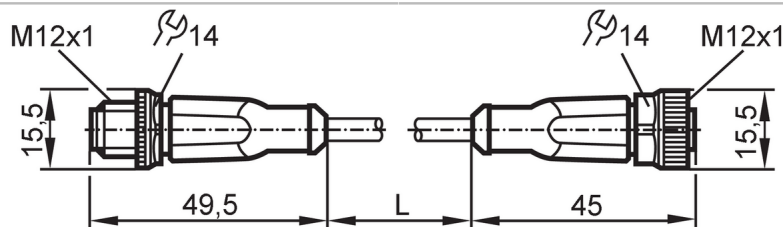


EVW163



Connection cable

VDOGH040SCS00,3T04STGH040SCS



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 °C	
Ambient temperature (moving)	[°C]	-25...90
Note on ambient temperature (moving)	cULus: ...75 °C	
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]	42.6
Molded-body material	TPU (urethane)	
Material nut	brass, weld coated	
Sealing material	FKM	
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	without label holders	
Pack quantity	1 pcs.	



Connection cable

VDOGH040SCS00,3T04STGH040SCS

Electrical connection - plug

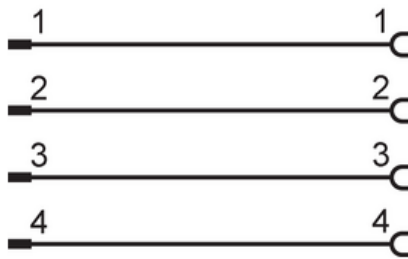
Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; Tightening torque: 0.6...1.5 Nm



Electrical connection

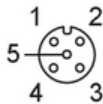
Cable: 0.3 m, PUR, Halogen-free, grey, Ø 4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



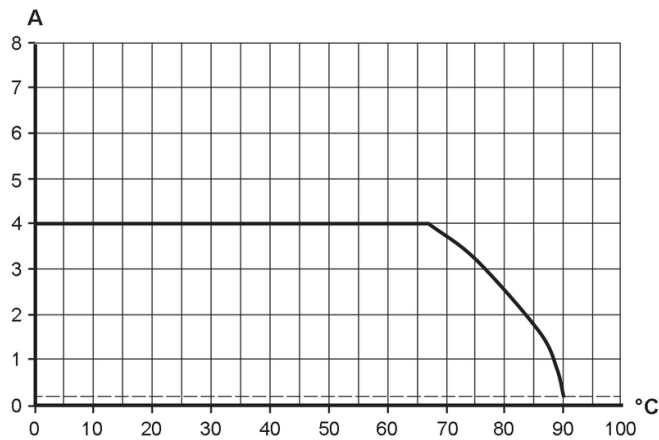
Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; sealing: FKM; Tightening torque: 0.6...1.5 Nm



Diagrams and graphs

Characteristic curve for derating



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

X Ambient temperature [°C]

Y Current [A]