



Connection cable

VDOGH050SCS0001T05STGH050SCS



Application		
Application	welding applications	
Free from silicone	yes	
Electrical data		
Operating voltage	[V]	< 60 AC/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	
Protection	IP 65; IP 67; IP 68; IP 69K	
Mechanical data		
Weight	[g]	71.8
Materials	housing: TPU orange; Sealing: FKM	
Material nut	brass / brass	
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
Drag chain suitability	yes	



Connection cable

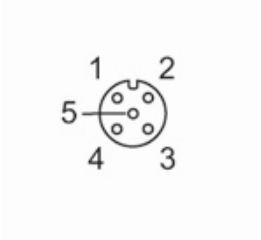
VDOGH050SCS0001T05STGH050SCS

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

Electrical connection
Cable: 1 m, PUR, Halogen-free, orange, Ø 5.1 mm; not irradiated (can be recycled); 5 x 0.34 mm² (42 x Ø 0.1 mm)
Cable: 1 m, PUR, Halogen-free, orange, Ø 5.1 mm; resistant to welding sparks; 5 x 0.34 mm² (42 x Ø 0.1 mm)

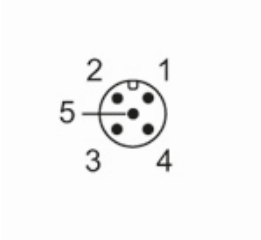
Electrical connection - socket

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



Electrical connection - plug

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



Connection

