

EVW161



Connection cable

VDOAH040SCS0001T04STGH040SCS



Application

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
Protection	IP 65; IP 67; IP 68; IP 69K

Mechanical data

Weight	[g]	65.5	
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	

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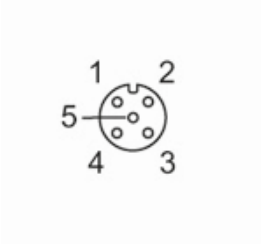
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Remarks	
Remarks	without label holders
Pack quantity	1 pcs.

Electrical connection
Cable: 1 m, PUR, Halogen-free, grey, Ø 4.9 mm; not irradiated (can be recycled); 4 x 0.34 mm² (42 x Ø 0.1 mm)
Cable: 1 m, PUR, Halogen-free, grey, Ø 4.9 mm; resistant to welding sparks; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - socket
Connector: 1 x M12, angled; 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

