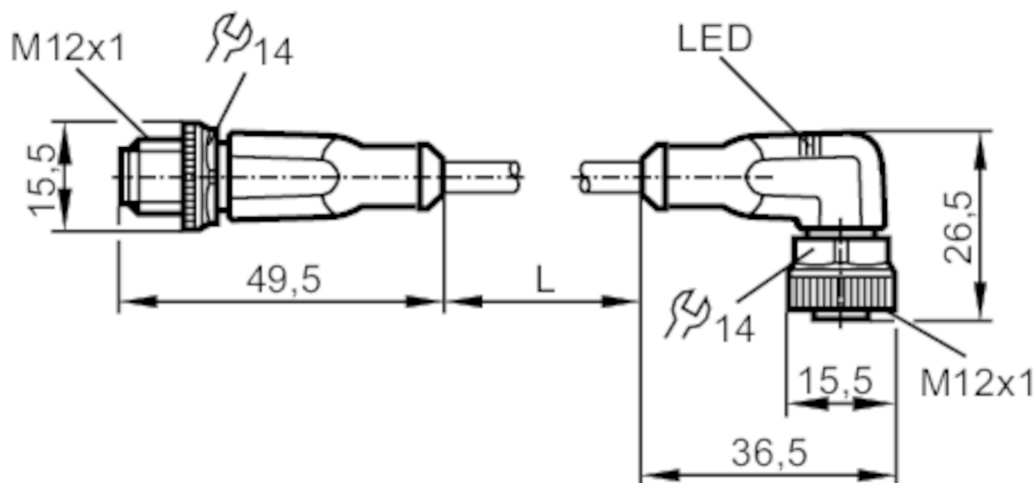


EVW142



Connection cable

VDOAH043SCS03,5T04STGH040SCS



Application

Application	welding applications
Free from silicone	yes

Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Max. current load total [A]	4

Outputs

Electrical design	PNP
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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

Tests / approvals

MTTF [years]	20027
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Connection cable

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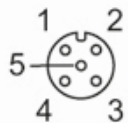
Mechanical data		
Weight	[g]	152.4
Dimensions	[mm]	15.5 x 15.5 x 49.5
Materials	connector housing: TPU orange; socket housing: TPU black transparent; Sealing: FKM	
Material nut	brass / brass	
Drag chain suitability	bending radius for flexible use	min. 10 x cable diameter
	travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s ²
	bending cycles	> 2 Mio.
	torsional strain	± 180 °/m
Drag chain suitability	yes	

Displays / operating elements		
Display	switching status	2 x LED, yellow
	operation	1 x LED, green

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

Electrical connection	
Cable: 3.5 m, PUR, Halogen-free, grey, Ø 4.9 mm; not irradiated (can be recycled); 4 x 0.34 mm ² (42 x Ø 0.1 mm)	
Cable: 3.5 m, PUR, Halogen-free, grey, Ø 4.9 mm; resistant to welding sparks; 4 x 0.34 mm ² (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	





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Connection

