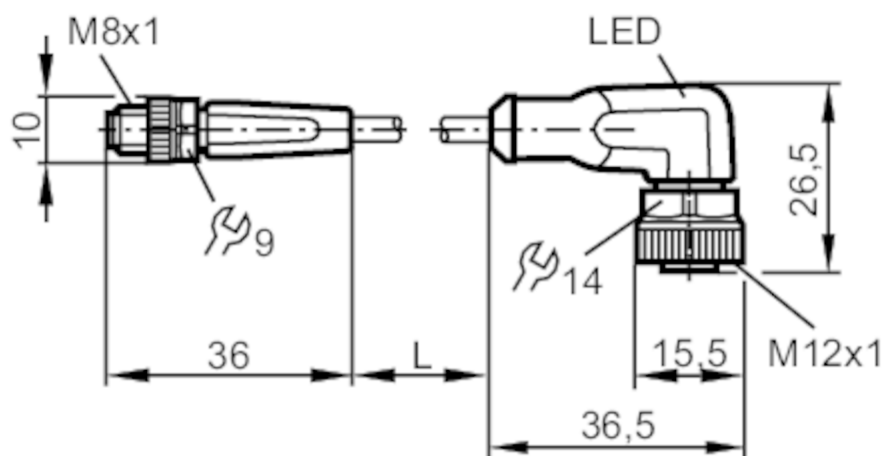


EVC291



Connection cable

VDOAH043MSS00,6H04STGF040MSS



Application

Free from silicone	yes
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Electrical data

Operating voltage	[V]	10...36 DC
Protection class		III
Max. current load total	[A]	3

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

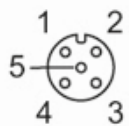
Tests / approvals

MTTF	[years]	20027
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Connection cable

VDOAH043MSS00,6H04STGF040MSS

Mechanical data		
Weight	[g]	47.4
Dimensions	[mm]	10 x 10 x 36
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/s²
	bending cycles	> 5 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		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 0.6 m, PUR, Halogen-free, black, Ø 4.9 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)		
Electrical connection - socket		
Connector: 1 x M12, angled; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm		
		
Electrical connection - plug		
Connector: 1 x M8, straight; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm		
		



Connection cable

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Connection

