

EVC685



Connection cable

VDOGH050MSS0004H05STGH050MSS



Application

Free from silicone	yes
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Electrical data

Operating voltage	[V]	< 60 AC/DC
Protection class		II
Max. current load total	[A]	4; (cULus: 3)

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]	170
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/s ²
	bending cycles	> 5 Mio.
	torsional strain	± 180 °/m
Drag chain suitability		yes

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Remarks

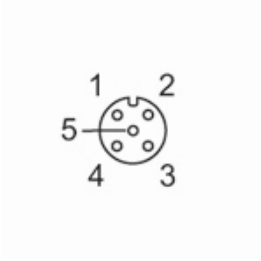
Pack quantity	1 pcs.
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Electrical connection

Cable: 4 m, PUR, black, Ø 4.9 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

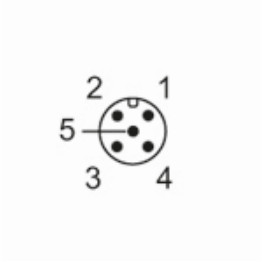
Electrical connection - socket

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



Electrical connection - plug

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



Connection

