EVC013

Connection cable

VDOGH040MSS0002H04STGH040MSS



M12x1 M12x1 M12x1 49,5 M12x1



Application		
Application System		Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
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]	-2590
Note on ambient temperature		cULus:75
Ambient temperature (moving)	[°C]	-2590
Note on ambient temperature (moving)		cULus:75
Storage temperature	[°C]	-2555
Storage humidity	[%]	10100
Other climatic conditions for storage according to stated class		1K22/ DIN 60721-3-1
Protection		IP 65; IP 67; IP 68; IP 69K
Mechanical data		
Weight	[g]	87.3
Material		housing: TPU (urethane) orange; sealing: FKM

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Material nut	brass, nickel-plated		
Drag chain suitability	yes		
Drag chain suitability	Bending radius for flexible applications	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	

Remarks		
Notes	Please see the technical note under "Downloads"	
Pack quantity	1 pcs.	

Electrical connection - plug

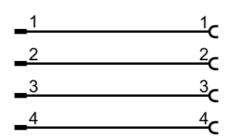
Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

Cable: 2 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



Electrical connection - Socket

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



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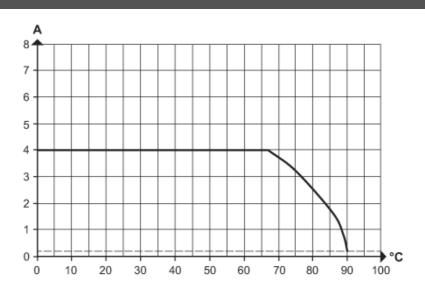
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Diagrams and graphs

Characteristic curve for derating



Derating Imax * 0.8 (DIN EN 60512-5-2)

- X Ambient temperature [°C]
- Y Current [A]