

EVF511



Connection cable

VDOAH040VAP0,25P04STAH040VAP



Application		
System		Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Application		sanitary and wet areas in the food industry
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...100
Ambient temperature (moving)	[°C]	0...100
Storage temperature	[°C]	-25...55
Storage humidity	[%]	10...100
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]	47.8
Dimensions	[mm]	35.5 x 15.5 x 38
Molded-body material		PP, Halogen-free
Material nut		stainless steel (1.4404 / 316L)
Sealing material		EPDM

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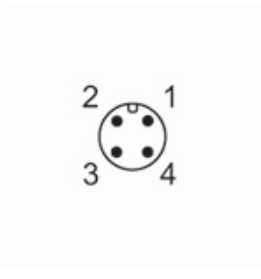
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s ²
	Bending cycles	> 1 Mio.
	Torsional strain	± 180 °/m

Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Connector: 1 x M12, angled; coding: A; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.6...1.2 Nm



Electrical connection

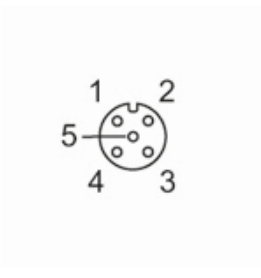
Cable: 0.25 m, MPPE, Halogen-free, grey, Ø 6.2 mm; 4 x 1.00 mm² (32 x Ø 0.2 mm)

Connection



Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



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Diagrams and graphs

Characteristic curve for derating



Derating $I_{max} * 0.8$ (DIN EN 60512-5-2)

T Ambient temperature [°C]

I Current [A]