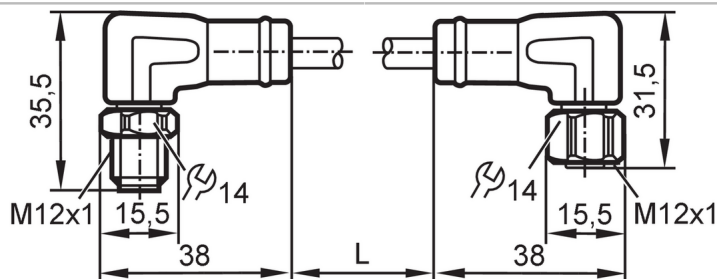


EVF721



Connection cable

VDOAH050VAS0010R05STAH050VAS



Application

Special feature	Free from silicone; Halogen-free; gold-plated contacts; screened cable; Drag chain suitability
Application	sanitary and wet areas in the food industry
Free from silicone	yes

Electrical data

Operating voltage [V]	< 30 AC / < 36 DC
Protection class	III
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]	431.75	
Dimensions	[mm]	35.5 x 15.5 x 49	
Molded-body material		PP, Halogen-free	
Material nut		stainless steel (1.4404 / 316L)	
Sealing material		EPDM	
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/s²
		Bending cycles	> 1 Mio.
		Torsional strain	± 180 °/m

Remarks

Pack quantity	1 pcs.
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EVF721

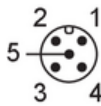


Connection cable

VDOAH050VAS0010R05STAH050VAS

Electrical connection - plug

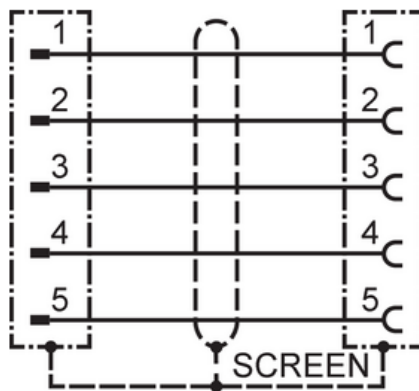
Connector: 1 x M12, angled; coding: A; Contacts: 5, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.6...1.2 Nm; Shielded connection cable: shield connected; Take into account the maximum value of the counterpart!



Electrical connection

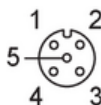
Cable: 10 m, MPPE, Halogen-free, grey, Ø 5.2 mm, screened; 5 x 0.25 mm² (32 x Ø 0.1 mm)

Connection



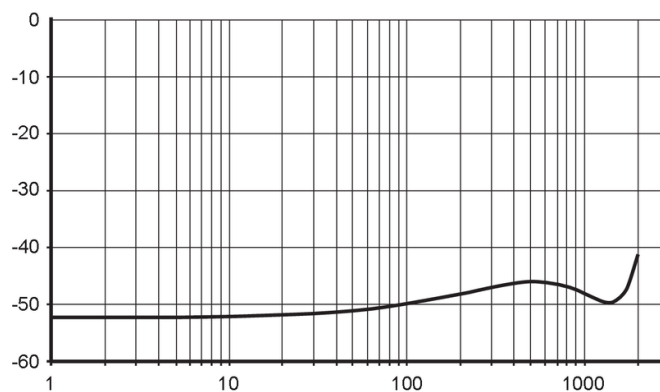
Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Contacts: 5, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: shield connected



Diagrams and graphs

Shielding characteristics



x Frequency (MHz)
y Shielding characteristics (dB)
according to DIN EN 60512-23-3