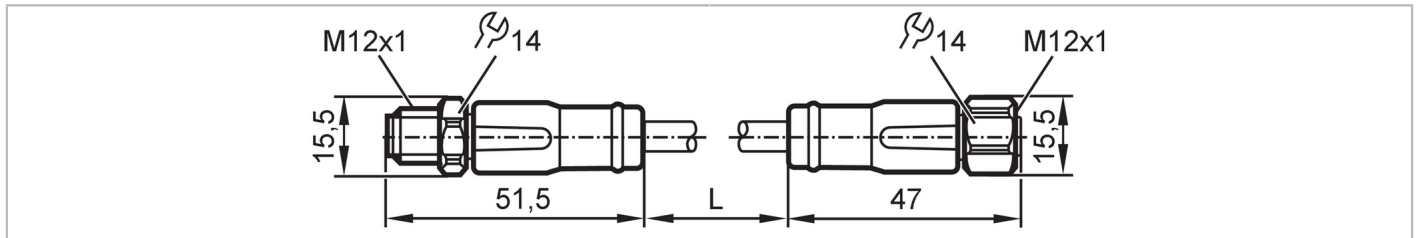


# EVF709



## Connection cable

VDOGH050VAS0025R05STGH050VAS



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]	1008.3	
Molded-body material	PP	
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/s <sup>2</sup>
	Bending cycles	> 1 Mio.
	Torsional strain	± 180 °/m
Remarks		
Pack quantity	1 pcs.	

# EVF709

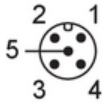


## Connection cable

VDOGH050VAS0025R05STGH050VAS

### Electrical connection - plug

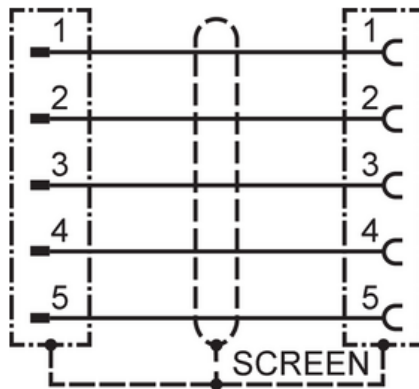
Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: PP; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.6...1.2 Nm; Shielded connection cable: shield connected; Take into account the maximum value of the counterpart!



### Electrical connection

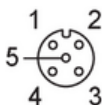
Cable: 25 m, MPPE, Halogen-free, grey, Ø 5.2 mm, screened; 5 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm)

### Connection



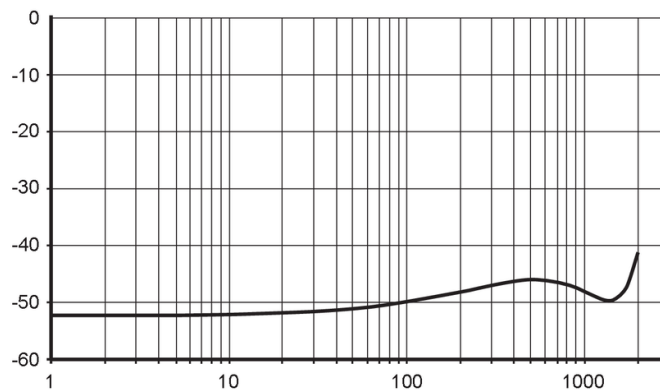
### Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: PP; 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