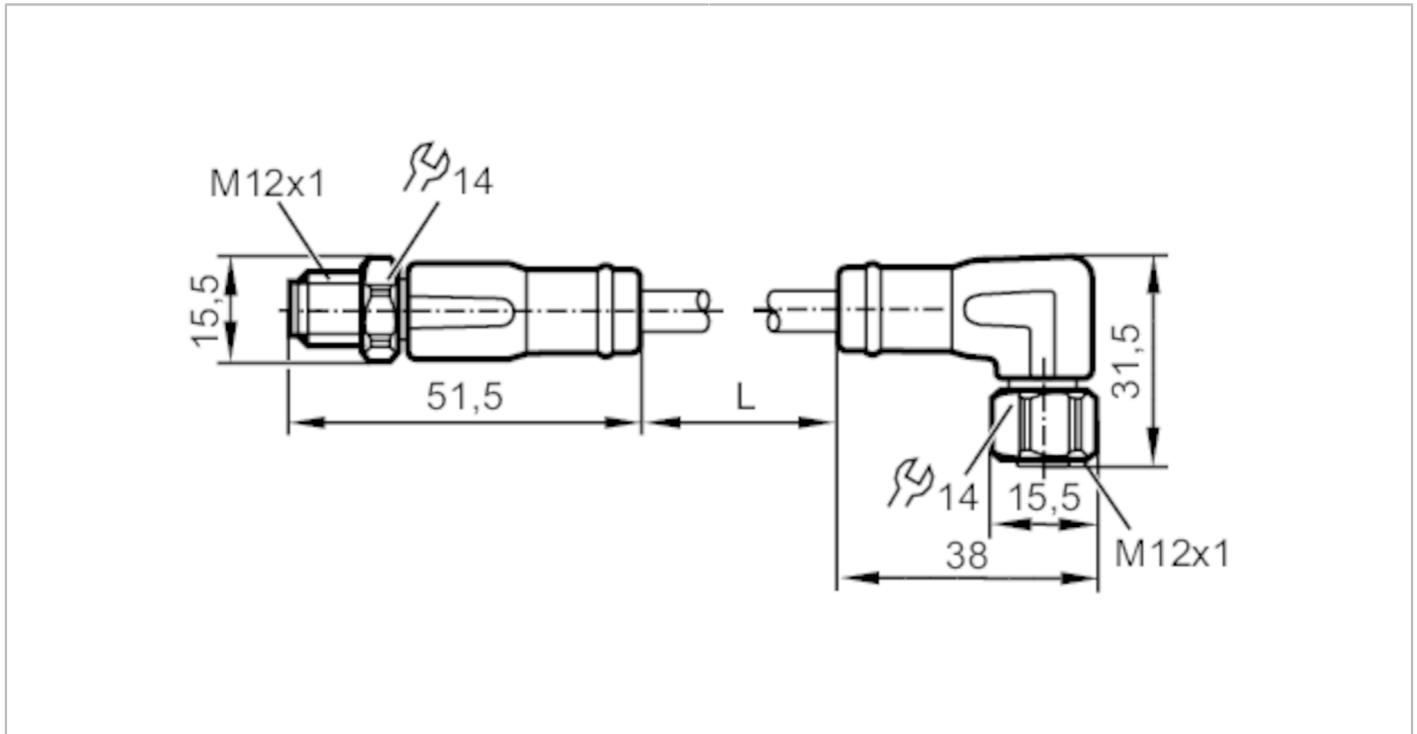


# EVF500



## Connection cable

VDOAH040VAP0002P04STGH040VAP



Application	
Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Application	hygienic 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]	162.9
Materials	PP Halogen-free; Sealing: EPDM
Moulded-body material	PP
Material nut	stainless steel (316L/1.4404)
Drag chain suitability	yes

# EVF500



## Connection cable

VDOAH040VAP0002P04STGH040VAP

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 <sup>2</sup>
	bending cycles	> 1 Mio.
	torsional strain	± 180 °/m

### Remarks

Pack quantity	1 pcs.
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### Electrical connection - plug

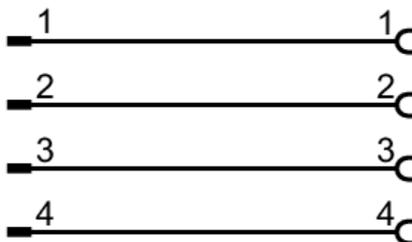
Connector: 1 x M12, straight; coding: A; Moulded body: PP; Locking: stainless steel (316L/1.4404); Contacts: gold-plated; Tightening torque: 0.6...1.2 Nm



### Electrical connection

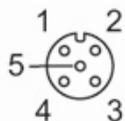
Cable: 2 m, MPPE, Halogen-free, grey, Ø 6.2 mm; 4 x 1.00 mm<sup>2</sup> (32 x Ø 0.2 mm )

### Connection



### Electrical connection - socket

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



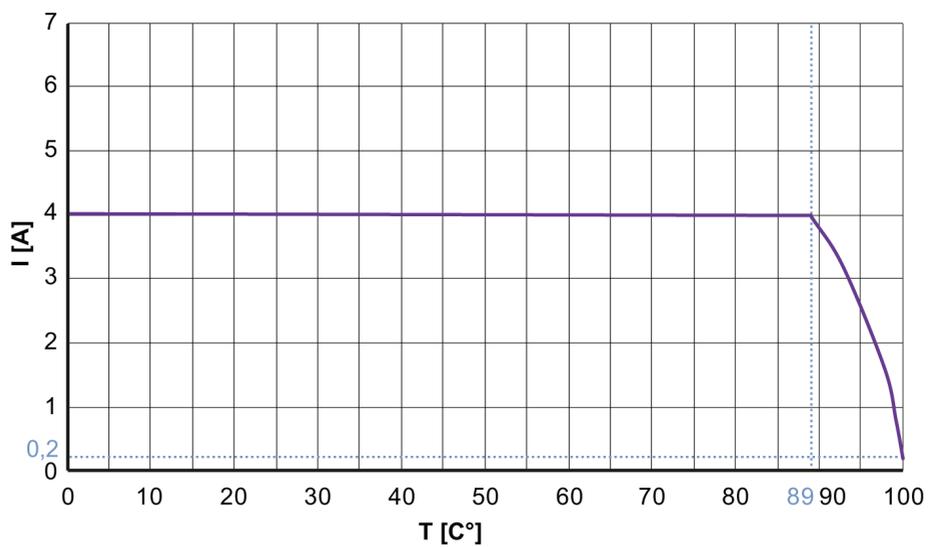


## Connection cable

VDOAH040VAP0002P04STGH040VAP

### Diagrams and graphs

characteristic line for derating



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

T Ambient temperature [°C]

I Current [A]