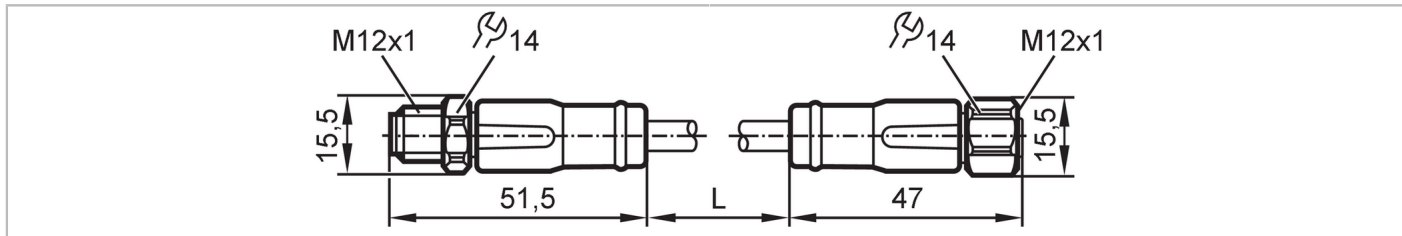


# EVF491



## Connection cable

VDOGH040VAP00,5P04STGH040VAP



Application	
Special feature	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]	65.1	
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/s <sup>2</sup>
	Bending cycles	> 1 Mio.
	Torsional strain	± 180 °/m

Remarks	
Pack quantity	1 pcs.

### Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.6...1.2 Nm



# EVF491



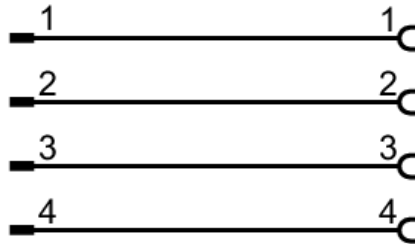
## Connection cable

VDOGH040VAP00,5P04STGH040VAP

### Electrical connection

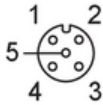
Cable: 0.5 m, MPPE, Halogen-free, grey,  $\varnothing$  6.2 mm; 4 x 1.00 mm<sup>2</sup> (32 x  $\varnothing$  0.2 mm)

### Connection



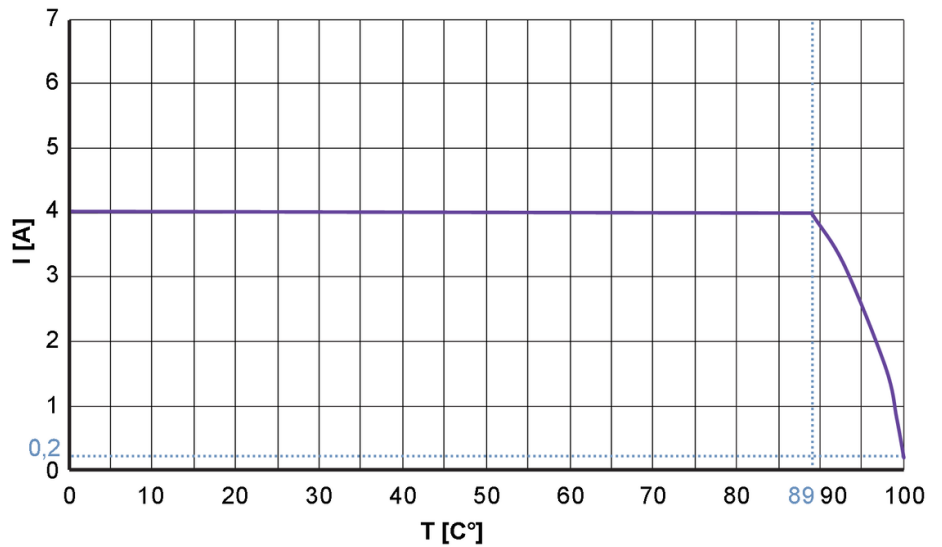
### Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Tightening torque: 0.6...1.5 Nm



### Diagrams and graphs

Characteristic curve for derating



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

T Ambient temperature [°C]

I Current [A]