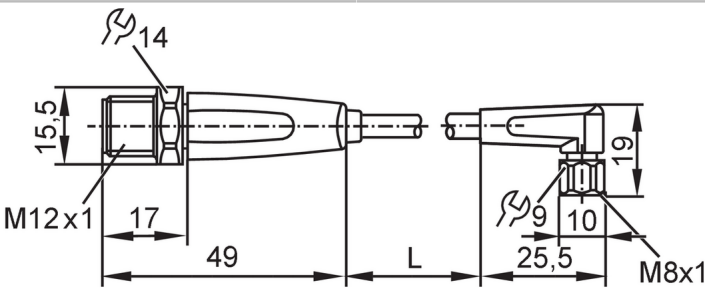


EVF246



Connection cable

VDOAF030VAS0005P03STGH030VAS



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]	< 50 AC / < 60 DC; (cULus: 30 AC / 30 DC)
Protection class		III
Max. current load total	[A]	3
Operating conditions		
Ambient temperature	[°C]	-25...80
Ambient temperature (moving)	[°C]	5...80
Protection		IP 65; IP 67; IP 68; IP 69K
Mechanical data		
Weight	[g]	164.5
Dimensions	[mm]	15.5 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.

Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 3, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.6...1.5 Nm



EVF246



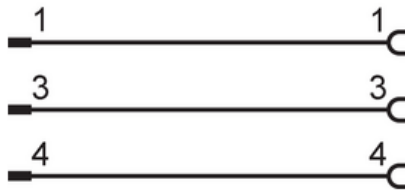
Connection cable

VDOAF030VAS0005P03STGH030VAS

Electrical connection

Cable: 5.0 m, MPPE, Halogen-free, grey, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



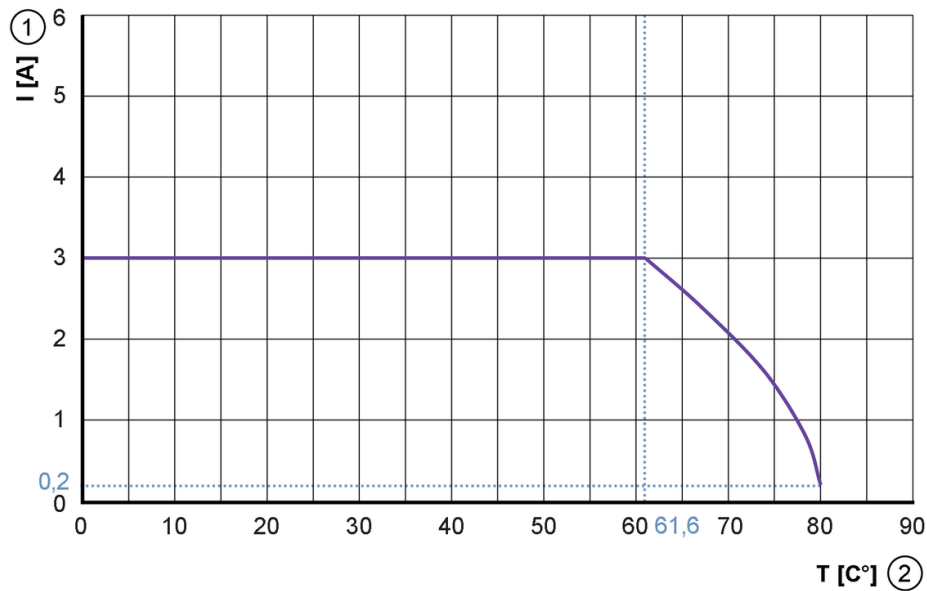
Electrical connection - Socket

Connector: 1 x M8, angled; coding: A; Contacts: 3, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Tightening torque: 0.3...0.5 Nm



Diagrams and graphs

Characteristic curve for derating



- 1 Current [A]
- 2 Ambient temperature [°C]