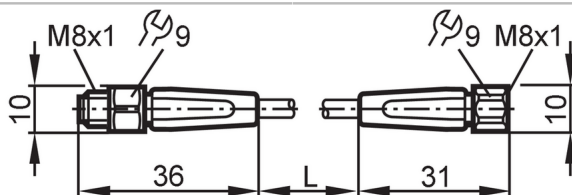


EVF144



Connection cable

VDOGF030VAS0001P03STGF030VAS



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
Tests / approvals		
UL approval	voltage supply	Class 2
Mechanical data		
Weight	[g]	44.7
Dimensions	[mm]	10 x 10 x 36
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/s²
	Bending cycles	> 1 Mio.
	Torsional strain	± 180 °/m
Remarks		
Pack quantity	1 pcs.	
Electrical connection - plug		
Connector: 1 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: PP, grey; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.3...0.5 Nm		
		

EVF144



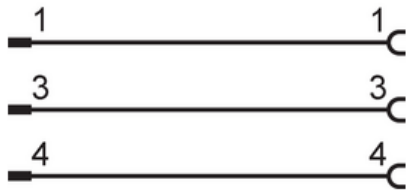
Connection cable

VDOGF030VAS0001P03STGF030VAS

Electrical connection

Cable: 1 m, MPPE, Halogen-free, grey, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



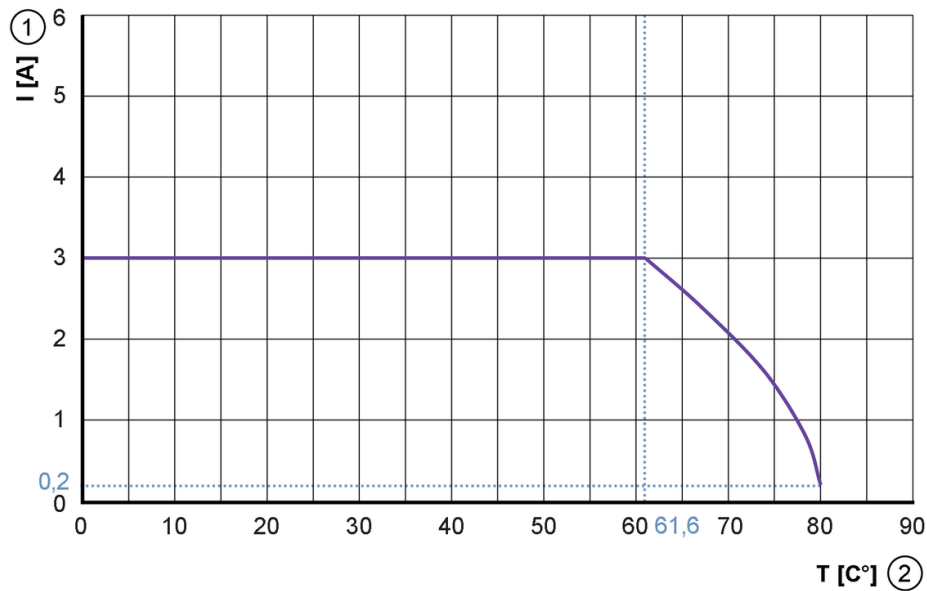
Electrical connection - Socket

Connector: 1 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: PP, grey; 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]