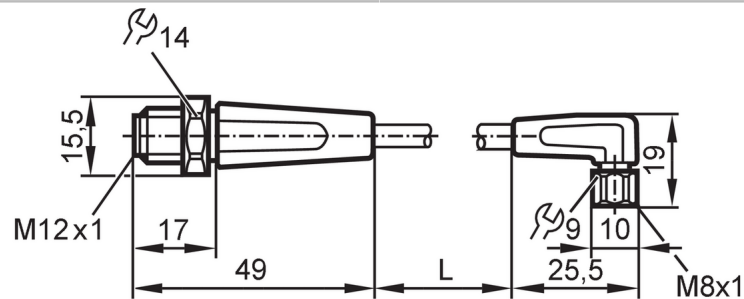


Connection cable

VDOAF040VAS00,3E03STGH030VAS



Application		
Special feature	Free from silicone; 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
Protection class	III	
Max. current load total	[A]	3
Operating conditions		
Ambient temperature	[°C]	-25...80
Note on ambient temperature	cULus: ...50 °C	
Ambient temperature (moving)	[°C]	5...80
Note on ambient temperature (moving)	cULus: ...50 °C	
Protection	IP 65; IP 67; IP 68; IP 69K	
Mechanical data		
Weight	[g]	35.8
Dimensions	[mm]	15.5 x 15.5 x 49.5
Molded-body material	PVC	
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.	



Connection cable

VDOAF040VAS00,3E03STGH030VAS

Electrical connection - plug

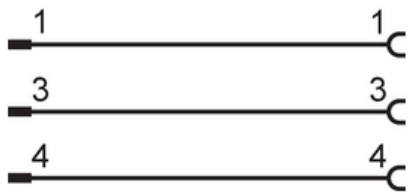
Connector: 1 x M12, straight; coding: A; Contacts: 3, gold-plated; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.6...1.5 Nm



Electrical connection

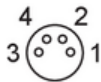
Cable: 0.3 m, PVC, orange, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



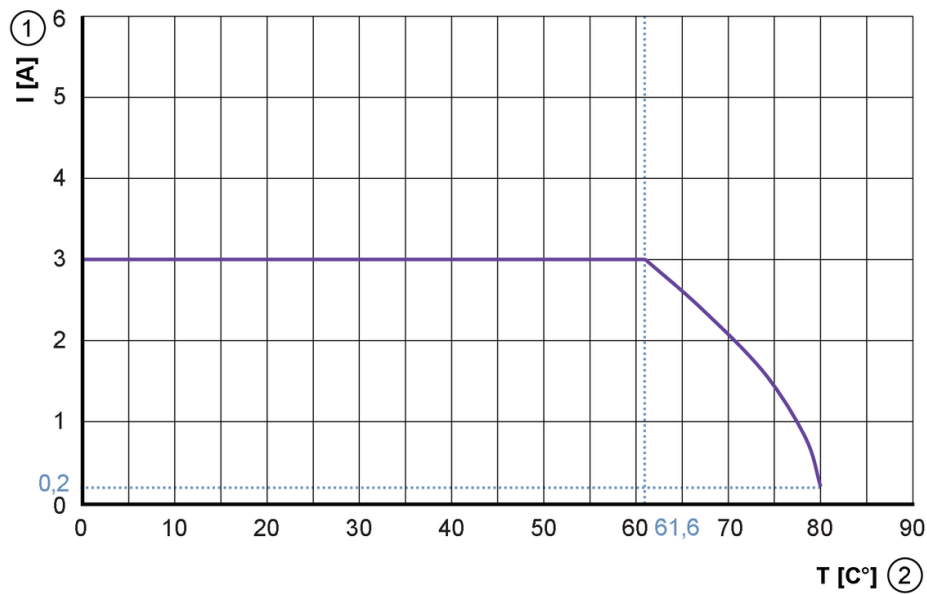
Electrical connection - Socket

Connector: 1 x M8, angled; coding: A; Contacts: 3, gold-plated; Moulded body: PVC, orange; 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]