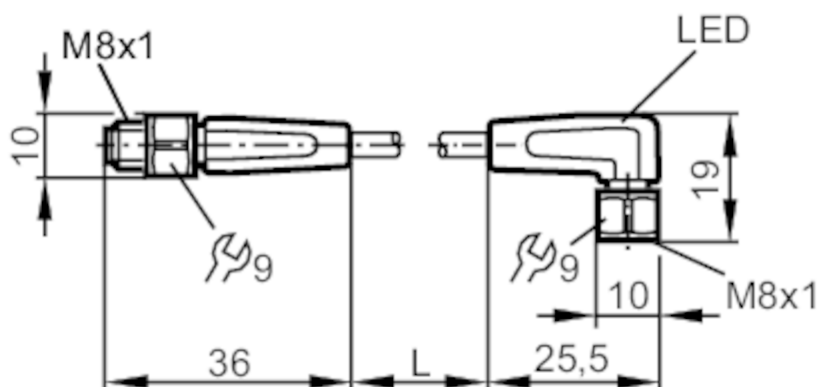




Connection cable

VDOAF032VAS0002E03STGF040VAS



Application		
System		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]	10...36 DC
Protection class		III
Max. current load total	[A]	3
Outputs		
Electrical design		PNP
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
Tests / approvals		
MTTF	[years]	31710
Mechanical data		
Weight	[g]	84.3
Dimensions	[mm]	10 x 10 x 36
Molded-body material		PVC



Connection cable

VDOAF032VAS0002E03STGF040VAS

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 ²
	Bending cycles	> 1 Mio.
	Torsional strain	± 180 °/m

Displays / operating elements

Display	Switching status	1 x LED, yellow
	Power	1 x LED, green

Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

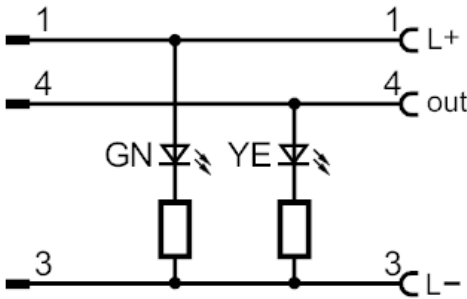
Connector: 1 x M8, straight; coding: A; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



Electrical connection

Cable: 2 m, PVC, orange, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



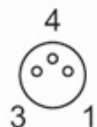


Connection cable

VDOAF032VAS0002E03STGF040VAS

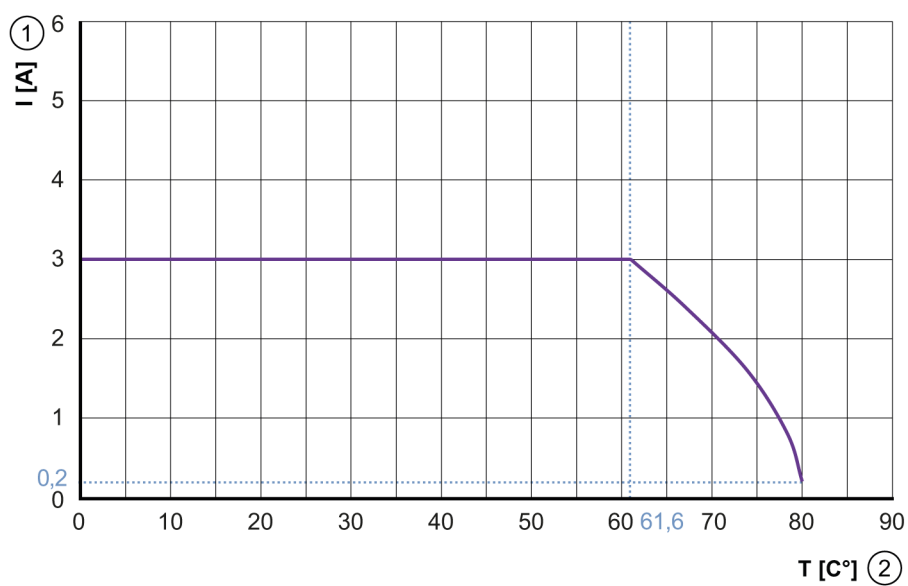
Electrical connection - Socket

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



Diagrams and graphs

Characteristic curve for derating



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