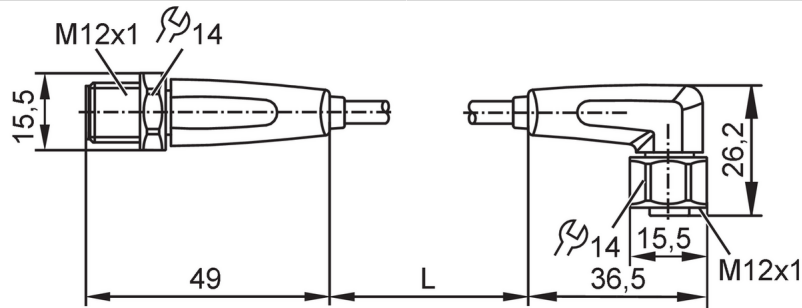


EVF048



Connection cable

VDOAH040VAS0001P04STGH040VAS



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
Note on ambient temperature		cULus: ...65 °C
Ambient temperature (moving)	[°C]	0...100
Note on ambient temperature (moving)		cULus: ...65 °C
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]	59.5
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 ²
	Bending cycles	> 1 Mio.
	Torsional strain	± 180 °/m

Remarks

Pack quantity	1 pcs.
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EVF048



Connection cable

VDOAH040VAS0001P04STGH040VAS

Electrical connection - plug

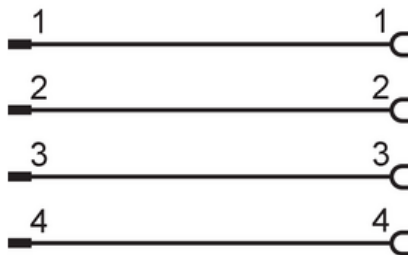
Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.6...1.2 Nm



Electrical connection

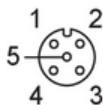
Cable: 1 m, MPPE, Halogen-free, grey, Ø 4.9 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



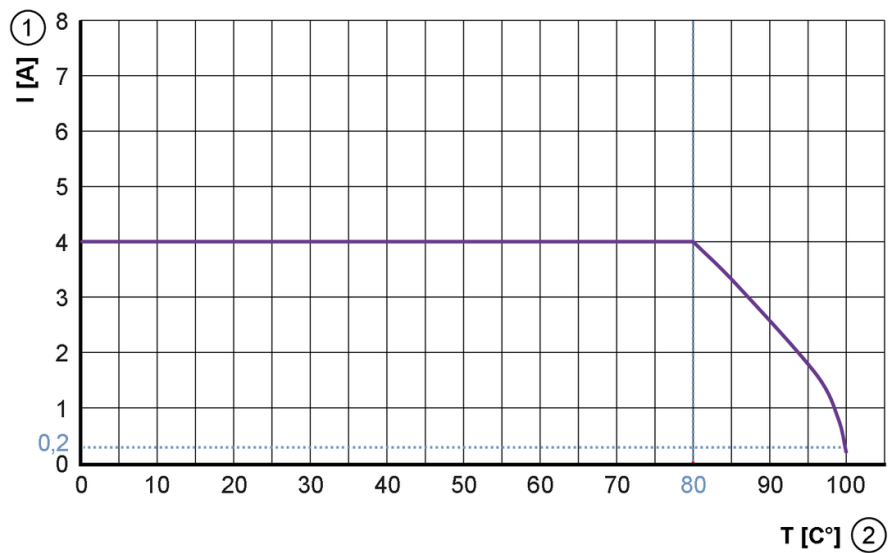
Electrical connection - Socket

Connector: 1 x M12, angled; 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



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