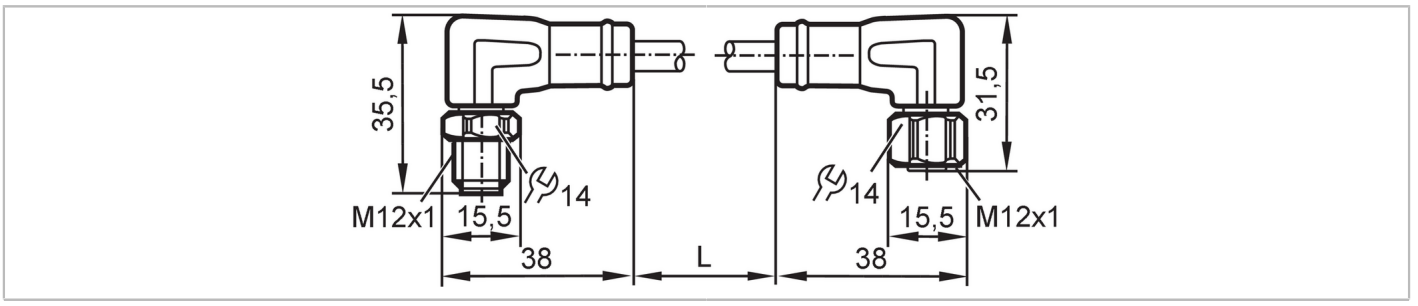
EVF516

Connection cable

VDOAH040VAP0010P04STAH040VAP



Application		
Special feature		Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Application		hygienic 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
Ambient temperature (moving)	[°C]	0...100
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]	685
Dimensions	[mm]	35.5 x 15.5 x 38
Moulded-body material		PP, Halogen-free
Material nut		stainless steel (316L/1.4404)
Sealing material		EPDM
Drag chain suitability		yes
Drag chain suitability	bending radius for flexible use	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.

EVF516

Connection cable

VDOAH040VAP0010P04STAH040VAP

Electrical connection - plug

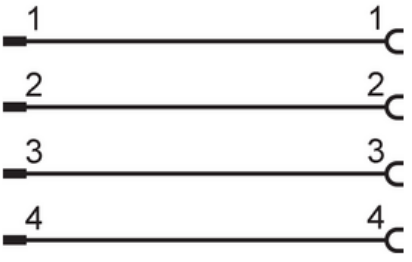
Connector: 1 x M12, angled; coding: A; Contacts: 4, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (316L/1.4404); Tightening torque: 0.6...1.2 Nm



Electrical connection

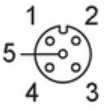
Cable: 10 m, MPPE, Halogen-free, grey, Ø 6.2 mm; 4 x 1.00 mm² (32 x Ø 0.2 mm)

Connection



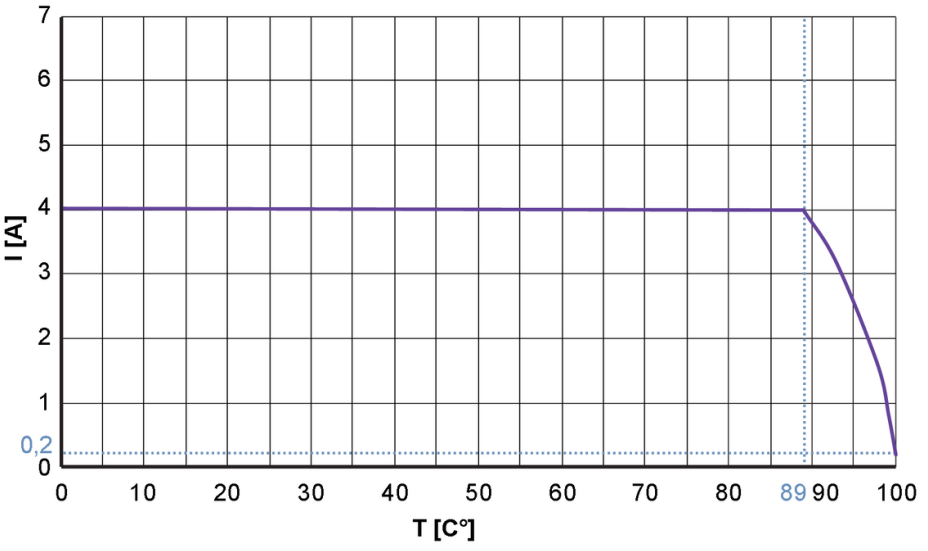
Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Contacts: 4, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (316L/1.4404); Sealing: EPDM; Tightening torque: 0.6...1.5 Nm



Diagrams and graphs

characteristic line for derating



Derating Imax * 0.8 (DIN EN 60512-5-2)

T Ambient temperature [°C]

I Current [A]