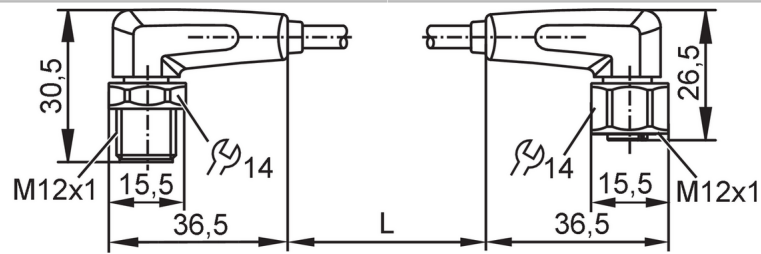


EVF677



Connection cable

VDOAH040VAS0009P04STAH040VAS



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]	298.5
Dimensions	[mm]	30.5 x 15.5 x 36.5
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.	

EVF677



Connection cable

VDOAH040VAS0009P04STAH040VAS

Electrical connection - plug

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



Electrical connection

Cable: 9 m, MPPE, Halogen-free, grey, Ø 4.9 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



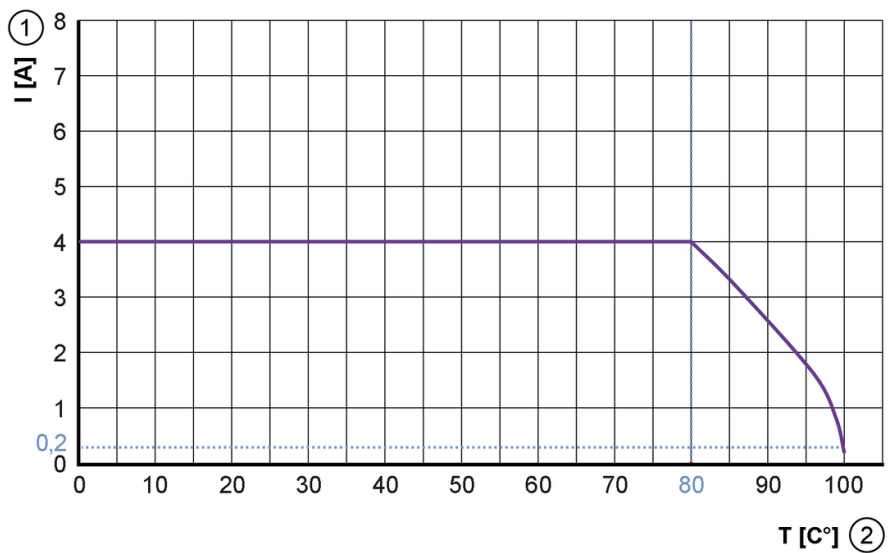
Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Contacts: 4, gold-plated; Moulded body: PP; 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]