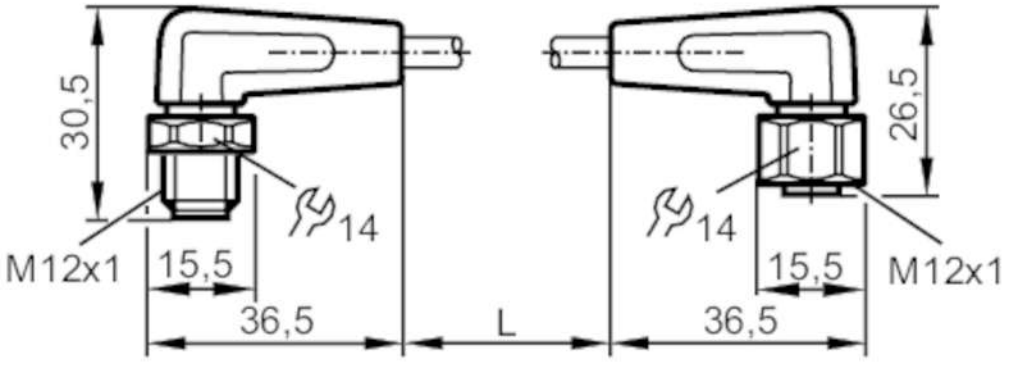
EVF644

Connection cable

VDOAH040VAS07,5P04STAH040VAS



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
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]	253.4
Dimensions	[mm]	30.5 x 15.5 x 36.5
Moulded-body material		PP

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Material nut	stainless steel (1.4404 / 316L)	
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.

Electrical connection - plug

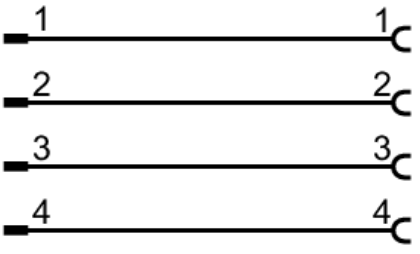
Connector: 1 x M12, angled; coding: A; Moulded body: PP; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.6...1.2 Nm



Electrical connection

Cable: 7.5 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; Moulded body: PP; Locking: stainless steel (1.4404 / 316L); Sealing: EPDM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

