

EVF638



Connection cable

VDOAE050VAS00,5P05STAE050VAS



Application	
Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Design	power cable, L-coded
Application	Use in wet areas and in the food and beverage industry
Free from silicone	yes
Electrical data	
Operating voltage [V]	63 DC
Protection class	III
Max. current load total [A]	16
Operating conditions	
Ambient temperature [°C]	-25...100
Note on ambient temperature	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 69K
Mechanical data	
Weight [g]	147.9
Moulded-body material	PP
Material nut	stainless steel (1.4404 / 316L)
Sealing material	EPDM
Drag chain suitability	yes



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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/s ²
	bending cycles	> 1 Mio.
	torsional strain	± 180 °/m

Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 0.5 m, MPPE, Halogen-free, grey, Ø 10.1 mm; 5 x 2.5 mm² (141 x Ø 0.15 mm)

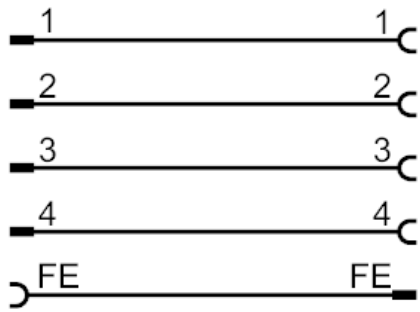
Electrical connection - plug

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



Electrical connection - 2

Connection



Electrical connection - socket

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

