

Connection cable

VDOAF030VAS00,6E03STGF030VAS



Application

System	Free from silicone; gold-plated contacts; Drag chain suitability
Application	sanitary and wet areas in the food industry
Free from silicone	yes

Electrical data

Operating voltage [V]	< 50 AC / < 60 DC
Protection class	III
Max. current load total [A]	3

Operating conditions

Ambient temperature [°C]	-25...80
Note on ambient temperature	cULus: ...50
Ambient temperature (moving) [°C]	5...80
Note on ambient temperature (moving)	cULus: ...50
Protection	IP 65; IP 67; IP 68; IP 69K

Mechanical data

Weight [g]	39.7
Dimensions [mm]	10 x 10 x 36
Molded-body material	PVC
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 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.

Electrical connection - plug

Connector: 1 x M8, straight; coding: A; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



Electrical connection

Cable: 0.6 m, PVC, orange, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



Electrical connection - Socket

Connector: 1 x M8, angled; coding: A; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm





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Diagrams and graphs

Characteristic curve for derating



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