

EVF129



Female cordset

ADOAF030VAS0025P03



Application

System	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]	< 50 AC / < 60 DC; (cULus: 30 AC / 30 DC)
Protection class		III
Max. current load total	[A]	3

Operating conditions

Ambient temperature	[°C]	-25...80
Ambient temperature (moving)	[°C]	5...80
Protection		IP 65; IP 67; IP 68; IP 69K

Tests / approvals

UL approval	voltage supply	Class 2
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Mechanical data

Weight	[g]	700.6
Dimensions	[mm]	19 x 10 x 25.5
Molded-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 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

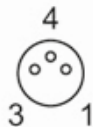
Pack quantity	1 pcs.
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Electrical connection

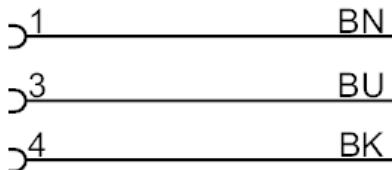
Cable: 25 m, MPPE, Halogen-free, grey, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - Socket

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



Connection



BK = Core colors :
BN = black
BU = brown
BK = blue

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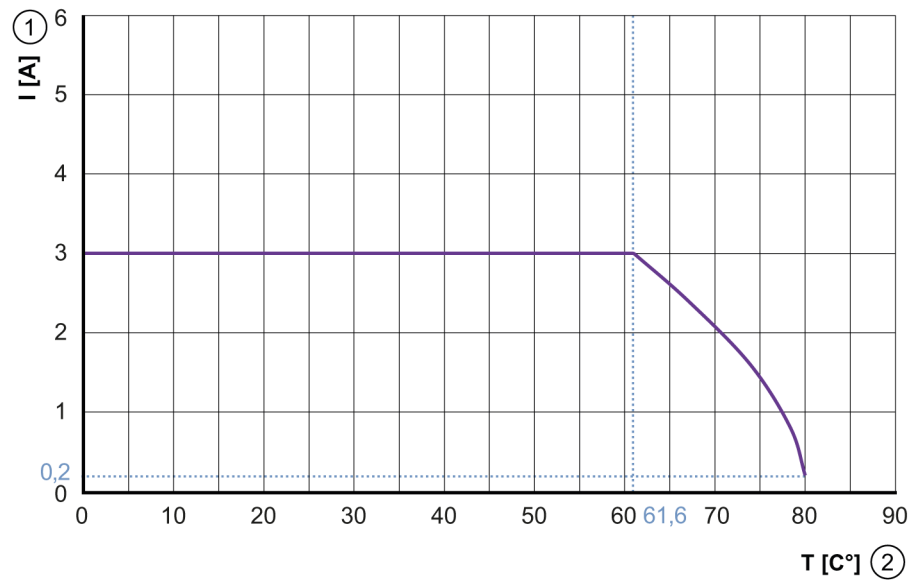


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Diagrams and graphs

Characteristic curve for derating



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