

EVC145



Female cordset

ADOAF030MSS0005H03



Application		
System		Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
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...90
Note on ambient temperature		cULus: ...80
Ambient temperature (moving)	[°C]	-25...90
Note on ambient temperature (moving)		cULus: ...80
Protection		IP 65; IP 67; IP 68; IP 69K
Mechanical data		
Weight	[g]	110.8
Dimensions	[mm]	19 x 10 x 25.5
Material		housing: TPU (urethane) orange; sealing: FKM
Material nut		brass, nickel-plated
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	> 5 Mio.
	Torsional strain	± 180 °/m

Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 5 m, PUR, Halogen-free, black, Ø 3.7 mm; 3 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - Socket

Connector: 1 x M8, angled; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



Connection



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