

EVCA21



Female cordset

ADOAE050MSS0005H05



Application

System	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Design	Power cable, L-coded
Application	Industrial applications; Oils and coolants
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...90
Note on ambient temperature		cULus: ...80 °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]	1000.3
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		FKM
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 - Connection

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

Electrical connection - Socket

Connector: 1 x M12, angled; coding: L; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM;
Contacts: gold-plated; Tightening torque: 0.6...1.2 Nm



Connection

1	BN
2	WH
3	BU
4	BK
FE	PK

	Core colors :
BK =	black
BN =	brown
BU =	blue
PK =	pink
WH =	white