



Female cordset

ADOAH030ZDB0005E03



Application		
System		Free from silicone; gold-plated contacts; Drag chain suitability
Application		Industrial applications
Free from silicone		yes
Electrical data		
Operating voltage	[V]	< 250 AC / < 300 DC
Protection class		II
Max. current load total	[A]	4
Operating conditions		
Ambient temperature	[°C]	-25...70
Ambient temperature (moving)	[°C]	5...70
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
Mechanical data		
Weight	[g]	173.3
Dimensions	[mm]	26.5 x 15.5 x 36.5
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		FKM



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Drag chain suitability	yes	
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/s²
	Bending cycles	1 Mio.
	Torsional strain	± 180 °/m

Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 5 m, PVC, black, Ø 4.5 mm; 3 x 0.25 mm² (14 x Ø 0.15 mm)

Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Connection



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