EVC199

Connecting cable with socket

ADOGH050MSS0025H05



Please see the technical note under "Downloads" 15,5 M12x1 M12x1



Application		
Special feature		Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Free from silicone		yes
Electrical data		
Operating voltage	[V]	< 60 AC/DC
Protection class		II
Max. current load total	[A]	4
Overall current rating (UL)	[A]	3
Operating conditions		
Ambient temperature	[°C]	-2590
Note on ambient temperature		cULus:75
Ambient temperature (moving)	[°C]	-2590
Note on ambient temperature (moving)		cULus:75
Storage temperature	[°C]	-2555
Storage humidity	[%]	10100
Other climatic conditions for storage according to stated class		1K22/ DIN 60721-3-1
Protection		IP 65; IP 67; IP 68; IP 69K
Mechanical data		
Weight	[g]	877.5

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Dimensions	[mm]	15.5 x 15.5 x 45		
Materials		housing: TPU orange; Sealing: FKM		
Material nut		brass, nickel-plated		
Drag chain suitability		yes		
Drag chain suitability		bending radius for flexible use	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		
Notes	Please see the technical note under "Downloads"	
Pack quantity	1 pcs.	

Electrical connection

Cable: 25 m, PUR, Halogen-free, black, Ø 4.6 mm; $5 \times 0.34 \text{ mm}^2$ (42 x Ø 0.1 mm)

Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Connection



Core colours :

BK = black

BN = brown

BU = blue

GY = grey

WH = white

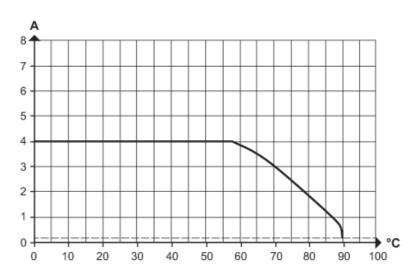
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Diagrams and graphs



Derating Imax * 0.8 DIN EN 60512-5-2

- X Ambient temperature [°C]
- Y Current [A]