EVC075

Connecting cable with socket

ADOAH050MSS0010H05



Please see the technical note under "Downloads" M12x1 See The technical note under "Downloads"



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]	364

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Dimensions	[mm]	26.5 x 15.5 x 36.5		
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

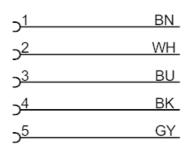
Cable: 10 m, PUR, Halogen-free, black, Ø 4.6 mm; $5 \times 0.34 \text{ mm}^2$ (42 x Ø 0.1 mm)

Electrical connection - socket

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



Connection



 $\begin{array}{ccc} & & & & & & \\ \text{BK} = & & & & & \\ \text{BN} = & & & & \\ \text{BU} = & & & \\ \text{BU} = & & & \\ \text{GY} = & & & \\ \text{WH} = & & & \\ \end{array}$

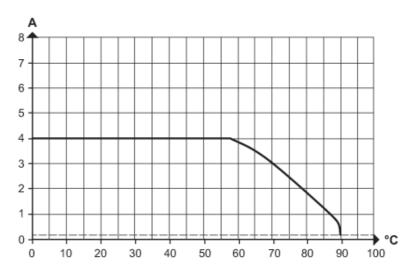
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Diagrams and graphs



Derating Imax * 0.8 DIN EN 60512-5-2

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