# **EVC112**

# Connecting cable with plug

ASTGH040MSS00,3H04



# Please see the technical note under "Downloads" M12x1 Please 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]	< 250 AC / < 300 DC
Protection class		II
Max. current load total	[A]	4
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]	30.9
Dimensions	[mm]	15.5 x 15.5 x 49.5

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Materials	housing: TPU orange		
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 <sup>2</sup>	
	bending cycles	> 5 Mio.	
	torsional strain	± 180 °/m	

Remarks		
Notes	Please see the technical note under "Downloads"	
Pack quantity	1 pcs.	

### Electrical connection

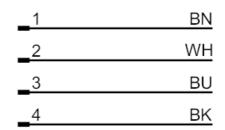
Cable: 0.3 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

### Electrical connection - plug

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



### Connection



 $\begin{array}{ccc} & & & & & & \\ \text{Core colours:} \\ \text{BK =} & & & & \\ \text{black} \\ \text{BN =} & & & \\ \text{brown} \\ \text{BU =} & & & \\ \text{blue} \\ \text{WH =} & & & \\ \text{white} \\ \end{array}$ 

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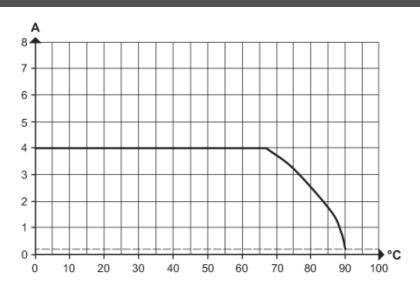
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# Diagrams and graphs

characteristic line for derating



Derating Imax \* 0.8 (DIN EN 60512-5-2)

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