

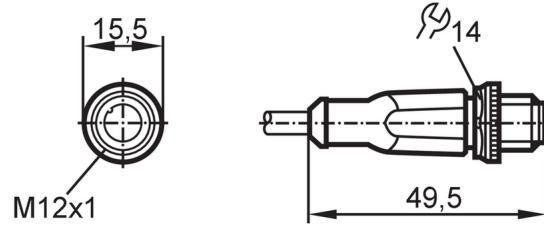
# EVC343



## Connecting cable with plug

ASTGH050MSS0010H05

Please see the technical note under "Downloads"



Application		
Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability	
Application	Industrial applications / factory automation; Use in machine tools, coolants and lubricants	
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]	-25...90	
Note on ambient temperature	cULus: ...75	
Ambient temperature (moving) [°C]	-25...90	
Note on ambient temperature (moving)	cULus: ...75	
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 68; IP 69K	
Mechanical data		
Weight [g]	364	
Dimensions [mm]	15.5 x 15.5 x 49.5	
Moulded-body material	TPU	
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.	

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## Connecting cable with plug

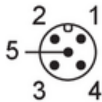
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### Electrical connection

Cable: 10 m, PUR, Halogen-free, black, Ø 4.6 mm; 5 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm

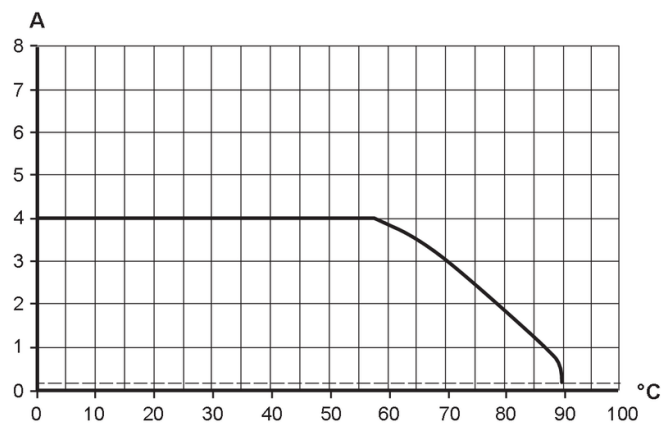


### Connection

1	BN
2	WH
3	BU
4	BK
5	GY

Core colours :  
BK = black  
BN = brown  
BU = blue  
GY = grey  
WH = white

### Diagrams and graphs



Derating I<sub>max</sub> \* 0.8 DIN EN 60512-5-2

X Ambient temperature [°C]

Y Current [A]