

# EVC074



## Connecting cable with socket

ADOAH050MSS0005H05



### Application

Free from silicone yes

### Electrical data

Operating voltage [V] < 60 AC/DC

Protection class II

Max. current load total [A] 4; (cULus: 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

Protection IP 65; IP 67; IP 68; IP 69K

### Mechanical data

Weight [g] 191.3

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

bending radius for flexible use	min. 10 x cable diameter
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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>
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bending cycles	> 5 Mio.
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torsional strain	± 180 °/m
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### Remarks

Pack quantity

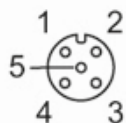
1 pcs.

### Electrical connection

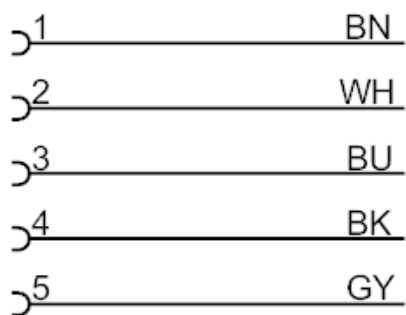
Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm; 5 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Electrical connection - socket

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



### Connection



#### Core colours :

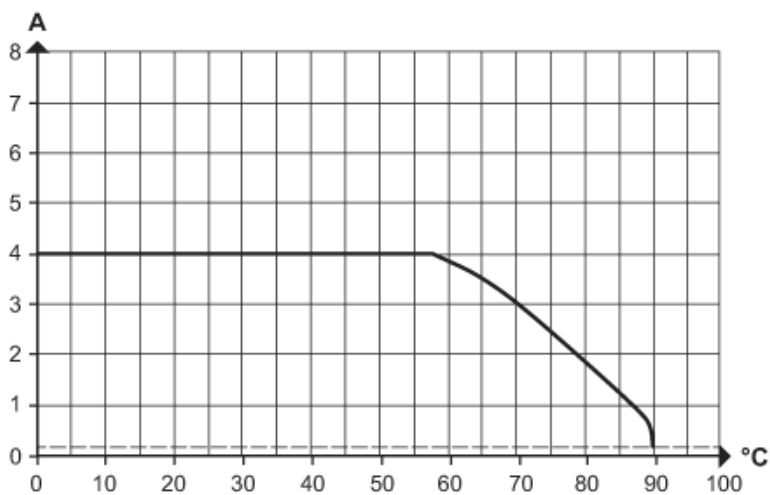
BK =	black
BN =	brown
BU =	blue
GY =	grey
WH =	white



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### Diagrams and graphs



Derating  $I_{max} * 0.8$  DIN EN 60512-5-2

X Ambient temperature [°C]

Y Current [A]