

Connecting cable with socket

ADOAH040MSS0020K04



Application

Special feature

Free from silicone; Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability

Free from silicone

yes

Electrical data

Operating voltage

[V]

< 50 AC / < 60 DC

Protection class

III

Max. current load total

[A]

4

Operating conditions

Ambient temperature

[°C]

-25...90

Ambient temperature
(moving)

[°C]

-25...90

Protection

IP 65; IP 67

Mechanical data

Weight

[g]

801.5

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/s²

bending cycles

≥ 2 Mio.

torsional strain

± 180 °/m



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Remarks

Pack quantity

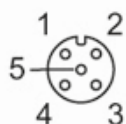
1 pcs.

Electrical connection

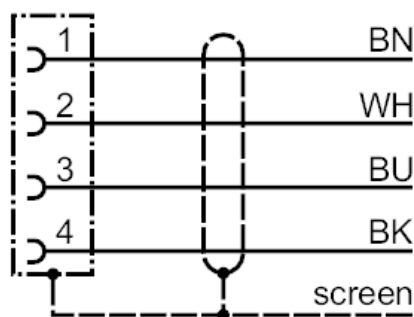
Cable: 20 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - socket

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



Connection

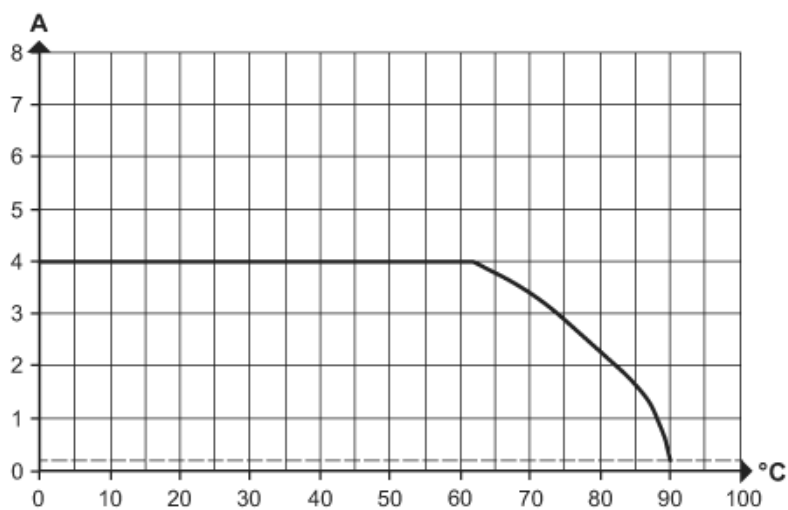


Core colours :
BK = black
BN = brown
BU = blue
WH = white

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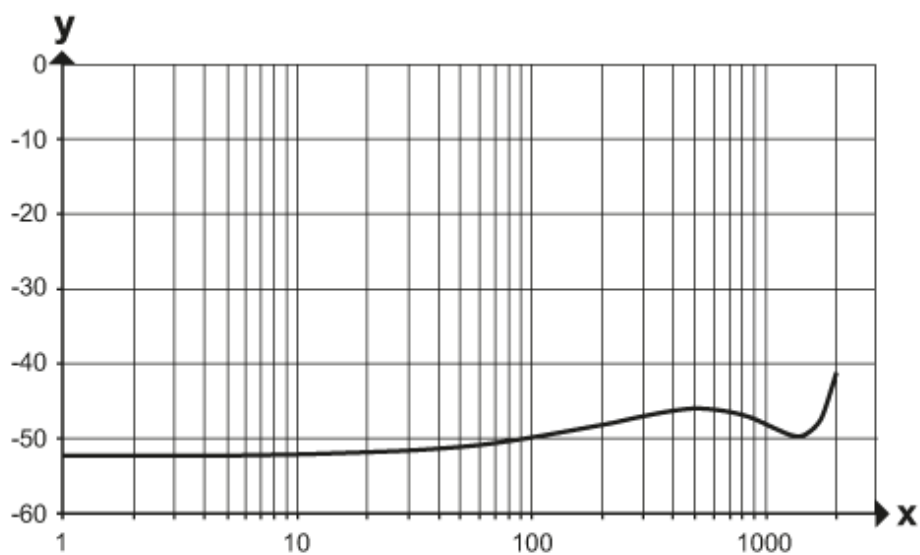
Diagrams and graphs

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

X Ambient temperature [°C]

Y Current [A]

Shielding characteristics



x frequency (MHz)

y Shielding characteristics (dB)

according to DIN EN 60512-23-3