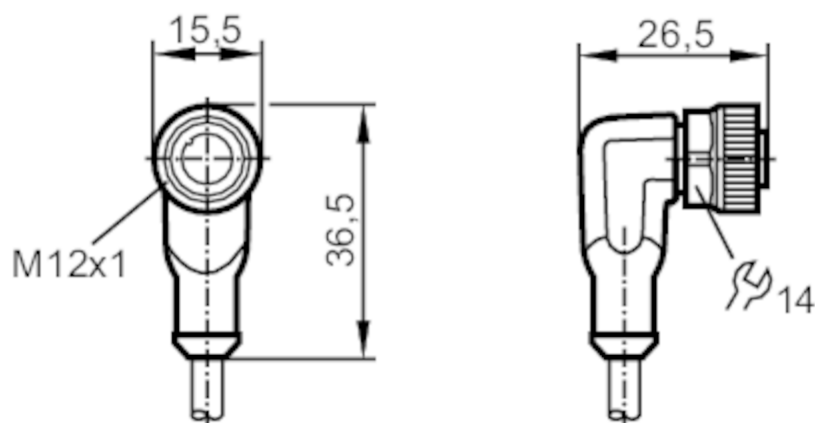


Connecting cable with socket

ADOAH040MSS0003K04



Application

Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability
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Free from silicone	yes
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Electrical data

Operating voltage	[V]	< 50 AC / < 60 DC
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Protection class		III
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Max. current load total	[A]	4
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Operating conditions

Ambient temperature	[°C]	-25...90
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Ambient temperature (moving)	[°C]	-25...90
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Protection		IP 65; IP 67
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Mechanical data

Weight	[g]	138.5
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Dimensions	[mm]	26.5 x 15.5 x 36.5
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Materials		housing: TPU orange; Sealing: FKM
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Material nut		brass, nickel-plated
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Drag chain suitability		yes
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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

EVC856



Connecting cable with socket

ADOAH040MSS0003K04

Remarks

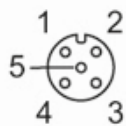
Pack quantity 1 pcs.

Electrical connection

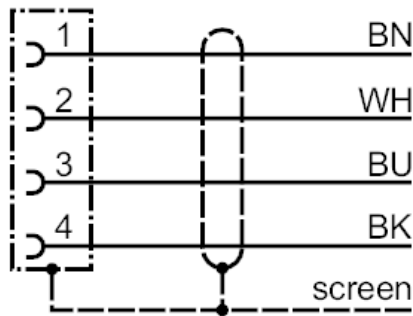
Cable: 3 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 4 x 0.34 mm² (42 x Ø 0.1 mm)

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



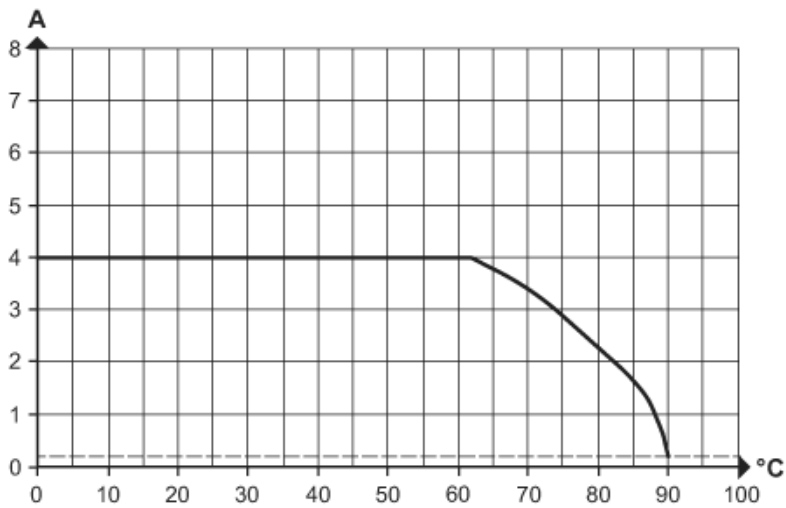
BK = Core colours :
BN = black
BU = brown
WH = blue
BK = white



Connecting cable with socket

ADOAH040MSS0003K04

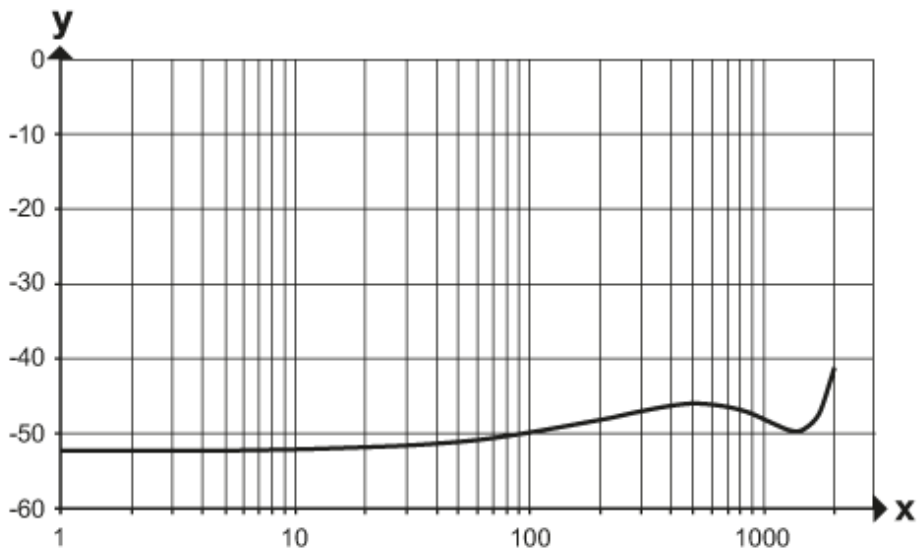
Diagrams and graphs



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