

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



Connecting cable with socket

ADOAH040MSS0020K04

Remarks

Pack quantity

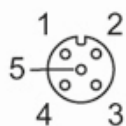
1 pcs.

Electrical connection

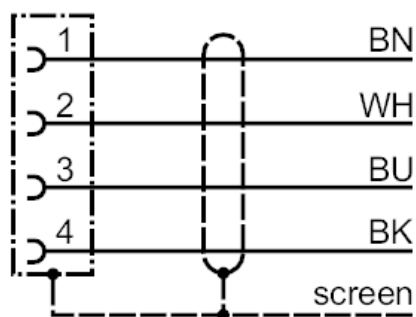
Cable: 20 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 4 x 0.34 mm² (42 x Ø 0.1 mm)

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

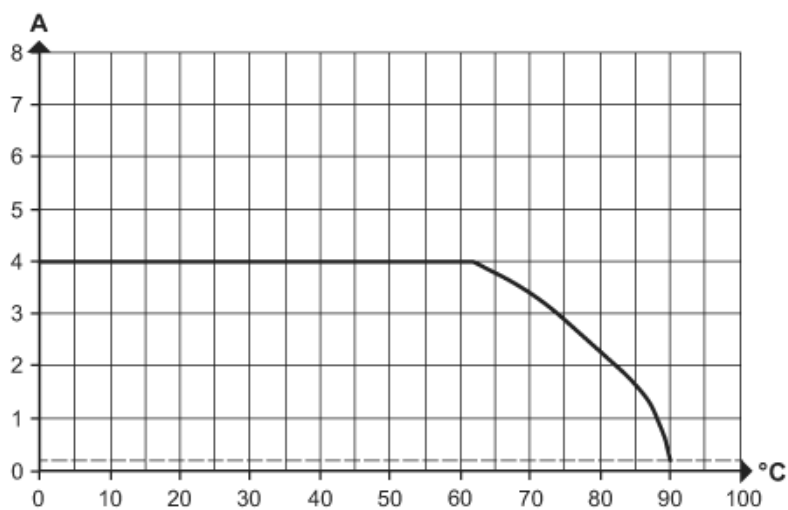


Core colours :
 BK = black
 BN = brown
 BU = blue
 WH = white

Connecting cable with socket

ADOAH040MSS0020K04

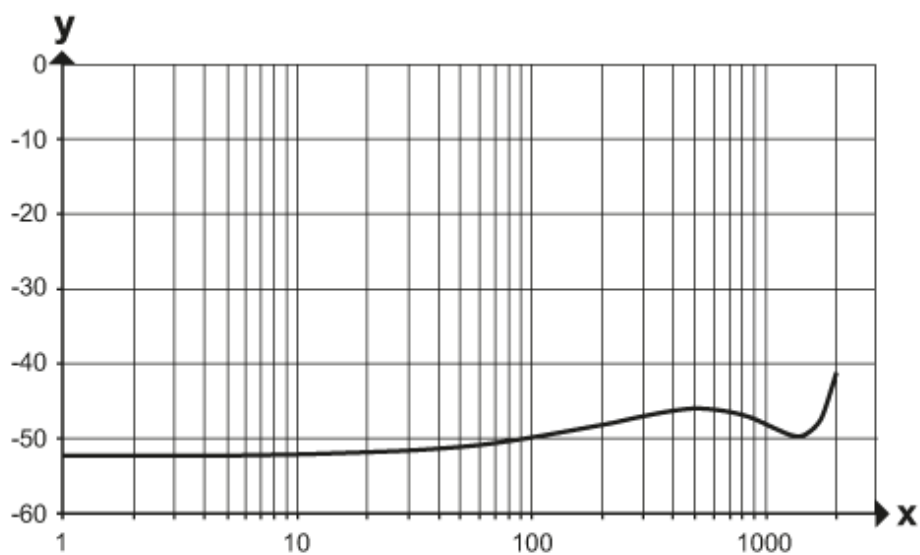
Diagrams and graphs

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