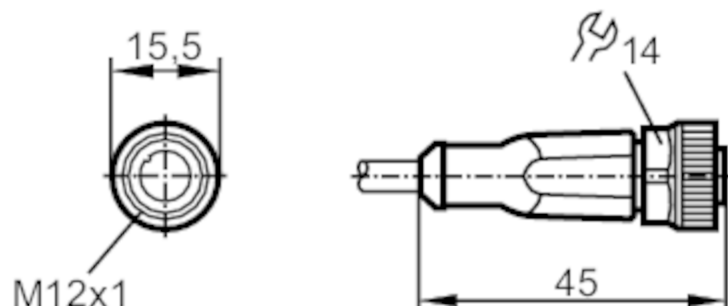


Connecting cable with socket

ADOGH040MSS0010K04



Application

Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability
Application	Industrial applications / factory automation; Use in machine tools, coolants and lubricants
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
Note on ambient temperature		cULus: ...75
Ambient temperature (moving)	[°C]	-25...90
Note on ambient temperature (moving)		cULus: ...75
Protection		IP 65; IP 67

Mechanical data

Weight	[g]	403.8
Dimensions	[mm]	15.5 x 15.5 x 45
Moulded-body material		TPU
Material nut		brass, nickel-plated
Sealing material		FKM
Drag chain suitability		yes



Connecting cable with socket

ADOGH040MSS0010K04

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 ²
	bending cycles	≥ 2 Mio.
	torsional strain	± 180 °/m

Remarks

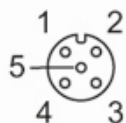
Pack quantity	1 pcs.
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Electrical connection

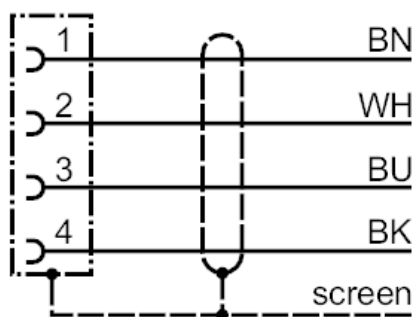
Cable: 10 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen connected



Connection



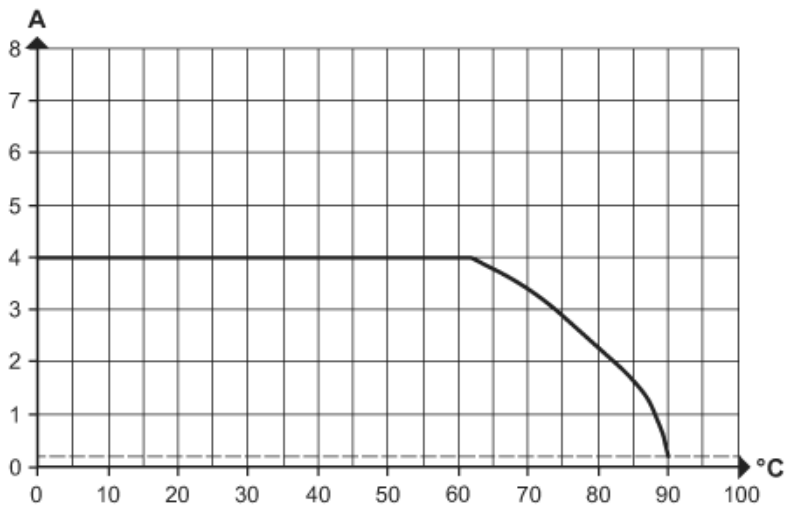
	Core colours :
BK =	black
BN =	brown
BU =	blue
WH =	white



Connecting cable with socket

ADOGH040MSS0010K04

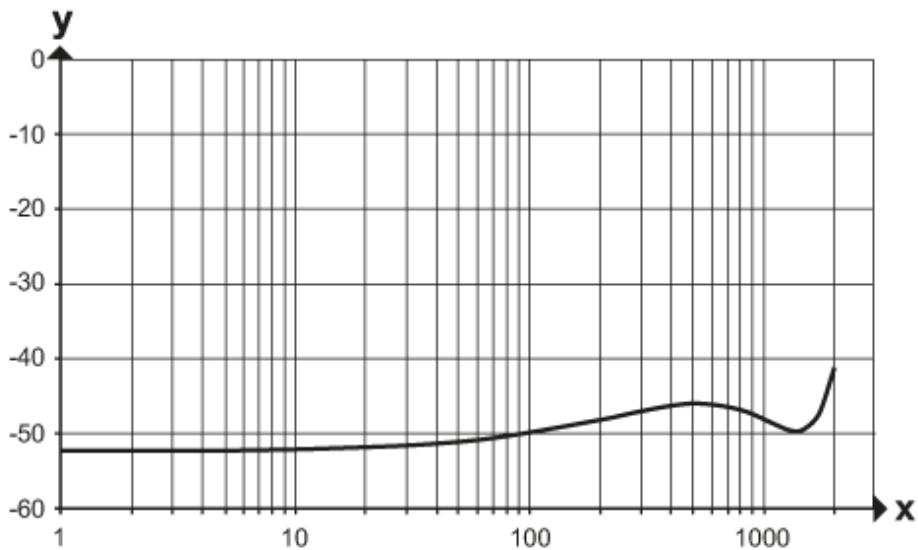
Diagrams and graphs



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