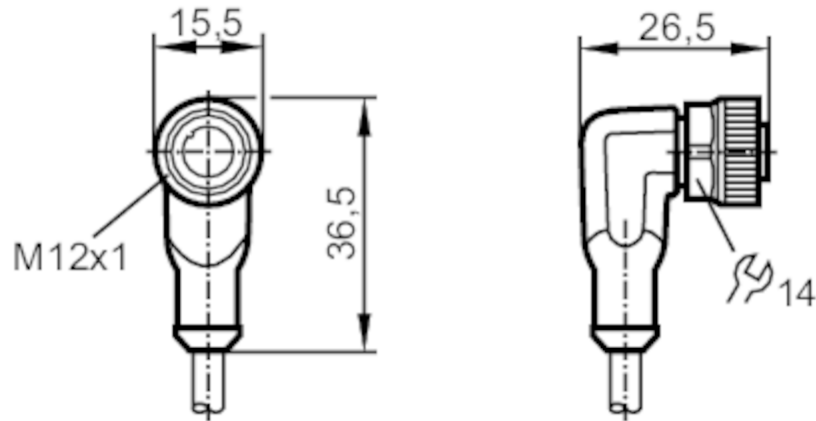


Connecting cable with socket

ADOAH040MSS0025K04



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 °C
Ambient temperature (moving) [°C]	-25...90
Note on ambient temperature (moving)	cULus: ...75 °C
Protection	IP 65; IP 67

Mechanical data

Weight [g]	974.5
Dimensions [mm]	26.5 x 15.5 x 36.5
Moulded-body material	TPU
Material nut	brass, nickel-plated
Sealing material	FKM
Drag chain suitability	yes



Connecting cable with socket

ADOAH040MSS0025K04

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

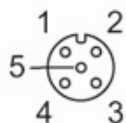
1 pcs.

Electrical connection

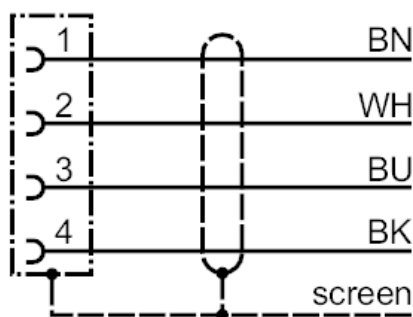
Cable: 25 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - socket

Connector: 1 x M12, angled; coding: A; 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

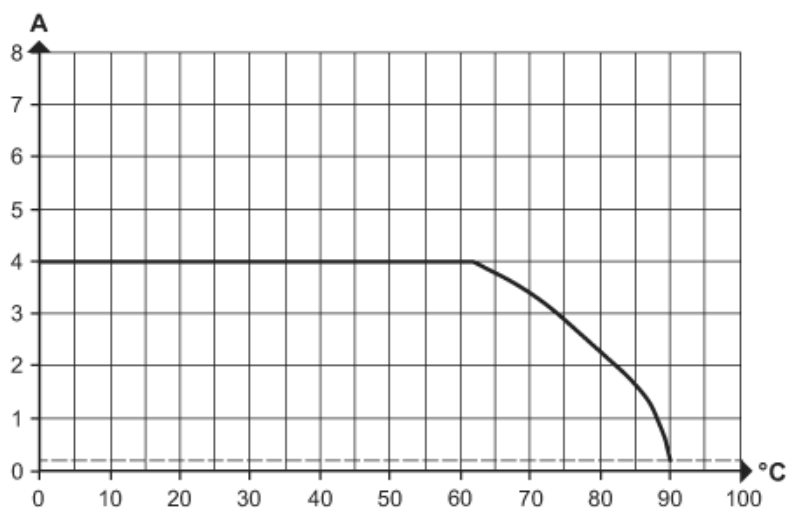


Core colours :
 BK = black
 BN = brown
 BU = blue
 WH = white

Connecting cable with socket

ADOAH040MSS0025K04

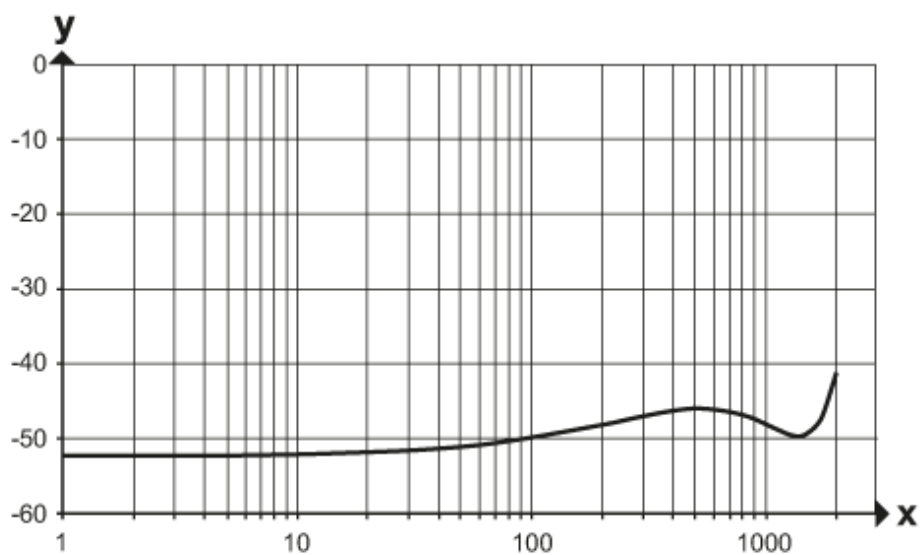
Diagrams and graphs

Derating $I_{max} \cdot 0.8$ 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