

# ENC04A



## Connecting cable with socket

ADOAH040MSN0002H04/1G/1D



### Application

Special feature	Free from silicone; Halogen-free; Gold-plated contacts
Free from silicone	yes
Compatible with paint	yes

### Electrical data

Operating voltage [V]	< 30 DC
Protection class	II
Max. input power [mW]	group II: 1000; group IIIB: 1000; group IIIC: 550 (Ta < 90 °C) / 650 (Ta < 70 °C) / 750 (Ta < 40 °C)
Max. current load total [A]	1

### Operating conditions

Ambient temperature [°C]	-25...90
Note on ambient temperature	for use in hazardous areas: ambient temperature in accordance with unit marking
Protection	IP 67; (outside hazardous areas: IP 68 / IP 69K)

### Tests / approvals

Approval	BVS 11 ATEX E 009 X; IECEx BVS 11.0002 X
ATEX marking	Ⓔ II 1G Ex ia IIB T6 Ga Ta: -25...80°C
	Ⓔ II 2G Ex ia IIC T6 Gb Ta: -25...80°C
	Ⓔ II 1D Ex ia IIIC T85°C Da Ta: -25...80°C
	Ⓔ II 1G Ex ia IIB T5 Ga Ta: -25...90°C
	Ⓔ II 2G Ex ia IIC T5 Gb Ta: -25...90°C
	Ⓔ II 1D Ex ia IIIC T95°C Da Ta: -25...90°C

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### Safety classification

Max. internal capacitance	[nF]	0.2
Max. internal inductance	[μH]	4

### Mechanical data

Weight	[g]	102.7
Dimensions	[mm]	26.5 x 15.5 x 36.5
Materials		housing: TPU orange; Sealing: FKM
Material nut		brass, nickel-plated

### Remarks

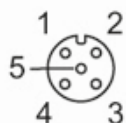
Remarks	Special conditions for safe operation apply for use in hazardous areas. Observe the corresponding notes in the operating instructions (Ex protection related part).
Pack quantity	1 pcs.

### Electrical connection

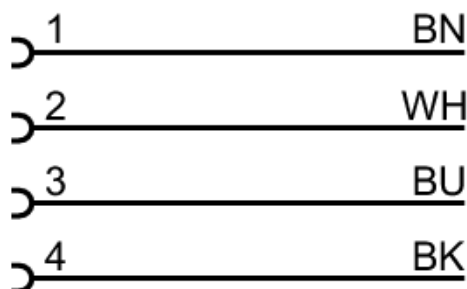
Cable: 2 m, PUR, Halogen-free, blue, Ø 4.9 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Electrical connection - socket

Connector: 1 x M12, angled; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Connection



Core colours :

- BK = black
- BN = brown
- BU = blue
- WH = white