

ENC12A



Connecting cable with socket

ADOAH050MSN0010H05/1G/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 III: 1000
Max. current load total [A]	1
Operating conditions	
Ambient temperature [°C]	-25...85
Note on ambient temperature	for use in hazardous areas: ambient temperature in accordance with unit marking
Protection	IP 67; (when used outside the hazardous area: IP 68 / IP 69K)
Tests / approvals	
Approval	BVS 11 ATEX E 009 X; IECEx BVS 11.0002 X
ATEX marking	Ex II 1G Ex ia IIB T6 Ga Ta: -25...75°C
	Ex II 2G Ex ia IIC T6 Gb Ta: -25...75°C
	Ex II 1G Ex ia IIB T5 Ga Ta: -25...85°C
	Ex II 2G Ex ia IIC T5 Gb Ta: -25...85°C
	Ex II 1D Ex ia IIB T200 85°C Da Ta: -25...75°C
	Ex II 1D Ex ia IIB T200 95°C Da Ta: -25...85°C
	Ex II 1D Ex ia IIC T200 70°C Da Ta: -20...60°C

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Safety classification

Max. internal capacitance	[nF]	1
Max. internal inductance	[μH]	20

Mechanical data

Weight	[g]	378.4
Dimensions	[mm]	26.5 x 15.5 x 36.5
Materials	housing: TPU orange; Sealing: FKM	
Material nut	brass, nickel-plated	

Remarks

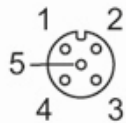
Remarks	Special conditions for safe operation apply for use in hazardous areas. Observe the corresponding notes in the operating instructions (Ex protection related part).
Pack quantity	1 pcs.

Electrical connection

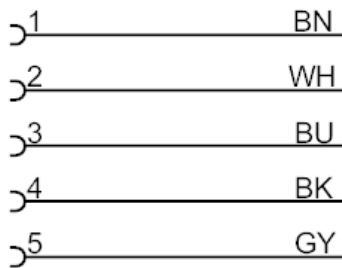
Cable: 10 m, PUR, Halogen-free, blue, Ø 4.9 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - socket

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



Connection



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