

ENC12A



Female cordset

ADOAH050MSN0010H05/1G/1D



Application	
System	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 according to 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
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		FKM

Remarks

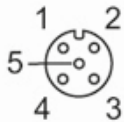
Remarks	Special conditions for safe operation apply for use in hazardous areas. Observe the corresponding notes in the operating instructions (Ex protection related part).
Pack quantity	1 pcs.

Electrical connection

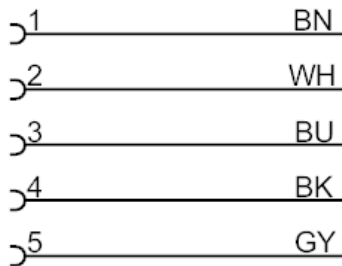
Cable: 10 m, PUR, Halogen-free, blue, Ø 4.9 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM;
Contacts: gold-plated; Tightening torque: 1.2...1.5 Nm



Connection



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