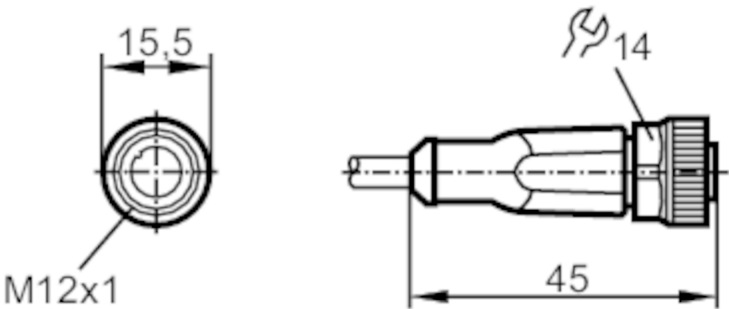


ENC16A



Female cordset

ADOGH050MSN0050H05/1G/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

ENC16A



Female cordset

ADOGH050MSN0050H05/1G/1D

Safety classification

Max. internal capacitance	[nF]	5
Max. internal inductance	[μH]	100

Mechanical data

Weight	[g]	1737.5
Dimensions	[mm]	15.5 x 15.5 x 45
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		FKM

Remarks

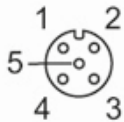
Remarks	Special conditions for safe operation apply for use in hazardous areas. Observe the corresponding notes in the operating instructions (Ex protection related part).
Pack quantity	1 pcs.

Electrical connection

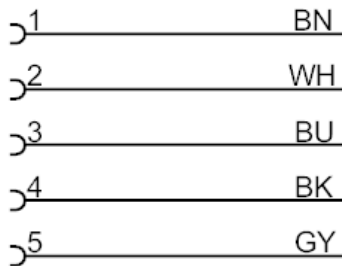
Cable: 50 m, PUR, Halogen-free, blue, Ø 4.9 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - Socket

Connector: 1 x M12, straight; 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