



Connecting cable with socket

ADOGH040MSN0002H04/1G/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		II 1G Ex ia IIB T6 Ga Ta: -25...75°C
		II 2G Ex ia IIC T6 Gb Ta: -25...75°C
		II 1G Ex ia IIB T5 Ga Ta: -25...85°C
		II 2G Ex ia IIC T5 Gb Ta: -25...85°C
		II 1D Ex ia IIB T200 85°C Da Ta: -25...75°C
		II 1D Ex ia IIB T200 95°C Da Ta: -25...85°C
		II 1D Ex ia IIC T200 70°C Da Ta: -20...60°C

ENC01A



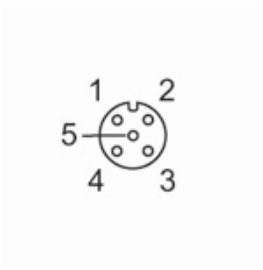
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Safety classification		
Max. internal capacitance	[nF]	0.2
Max. internal inductance	[μH]	4
Mechanical data		
Weight	[g]	101.8
Dimensions	[mm]	15.5 x 15.5 x 45
Materials	housing: TPU orange; Sealing: FKM	
Material nut	brass, nickel-plated	
Remarks		
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 ² (42 x Ø 0.1 mm)	

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



Connection	
1 2 3 4 5 BN WH BU BK	
BK = BN = BU = WH = Core colours : black brown blue white	