

Connecting cable with socket

ADOAH050MSN0005H05/1G/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



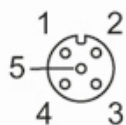
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Safety classification		
Max. internal capacitance	[nF]	0.5
Max. internal inductance	[μH]	10
Mechanical data		
Weight	[g]	208.7
Dimensions	[mm]	26.5 x 15.5 x 36.5
Materials		housing: TPU orange; Sealing: FKM
Material nut		brass, nickel-plated
Remarks		
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: 5 m, PUR, Halogen-free, blue, Ø 4.9 mm; 5 x 0.34 mm ² (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

1	BN
2	WH
3	BU
4	BK
5	GY

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