

Connecting cable with socket

ADOAH050MSN0025H05/1G/1D



Application

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 IIIB: 1000; group IIIC: 550 (Ta < 90 °C) / 650 (Ta < 70 °C) / 750 (Ta < 40 °C)
Max. current load total [A]	1

Operating conditions

Ambient temperature [°C]	-25...90
Note on ambient temperature	for use in hazardous areas: ambient temperature in accordance with unit marking
Protection	IP 67; (outside hazardous areas: IP 68 / IP 69K)

Tests / approvals

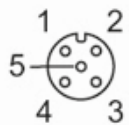
Approval	BVS 11 ATEX E 009 X; IECEx BVS 11.0002 X
ATEX marking	Ex II 1G Ex ia IIB T6 Ga Ta: -25...80°C
	Ex II 2G Ex ia IIC T6 Gb Ta: -25...80°C
	Ex II 1D Ex ia IIIC T85°C Da Ta: -25...80°C
	Ex II 1G Ex ia IIB T5 Ga Ta: -25...90°C
	Ex II 2G Ex ia IIC T5 Gb Ta: -25...90°C
	Ex II 1D Ex ia IIIC T95°C Da Ta: -25...90°C

ENC13A



Connecting cable with socket

ADOAH050MSN0025H05/1G/1D

Safety classification		
Max. internal capacitance	[nF]	2.5
Max. internal inductance	[μH]	50
Mechanical data		
Weight	[g]	864.4
Dimensions	[mm]	26.5 x 15.5 x 36.5
Materials	housing: TPU orange; Sealing: FKM	
Material nut	brass	
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: 25 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; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm		
		

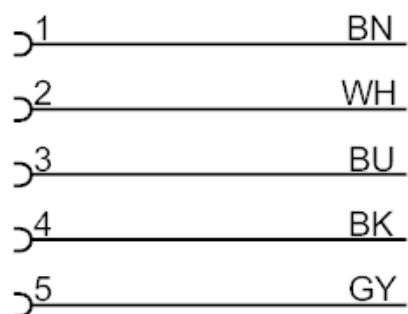
ENC13A



Connecting cable with socket

ADOAH050MSN0025H05/1G/1D

Connection



Core colours :

BK =	black
BN =	brown
BU =	blue
GY =	grey
WH =	white