



Connecting cable with socket

ADOGH040MSN0005H04/1G/1D



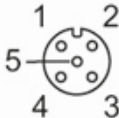
Application		
Free from silicone		yes
Compatible with paint		yes
Electrical data		
Operating voltage	[V]	< 30 DC
Protection class		II
Max. input power	[mW]	group II: 1000; group IIIB: 1000; group IIIC: 550 (Ta < 90 °C) / 650 (Ta < 70 °C) / 750 (Ta < 40 °C)
Max. current load total	[A]	1
Operating conditions		
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		II 1G Ex ia IIB T6 Ga Ta: -25...80°C
		II 2G Ex ia IIC T6 Gb Ta: -25...80°C
		II 1D Ex ia IIIC T85°C Da Ta: -25...80°C
		II 1G Ex ia IIB T5 Ga Ta: -25...90°C
		II 2G Ex ia IIC T5 Gb Ta: -25...90°C
		II 1D Ex ia IIIC T95°C Da Ta: -25...90°C

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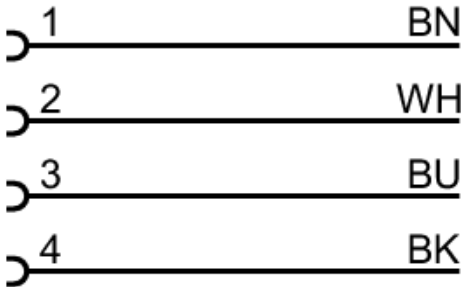


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Safety classification		
Max. internal capacitance	[nF]	0.5
Max. internal inductance	[µH]	10
Mechanical data		
Weight	[g]	188
Dimensions	[mm]	15.5 x 15.5 x 45
Materials	housing: TPU orange; Sealing: FKM	
Material nut	brass	
Remarks		
Remarks	Special 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: 5 m, PUR, Halogen-free, blue, Ø 4.9 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)		
Electrical connection - socket		
Connector: 1 x M12, straight; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm		
		

Connection



Core colours :

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