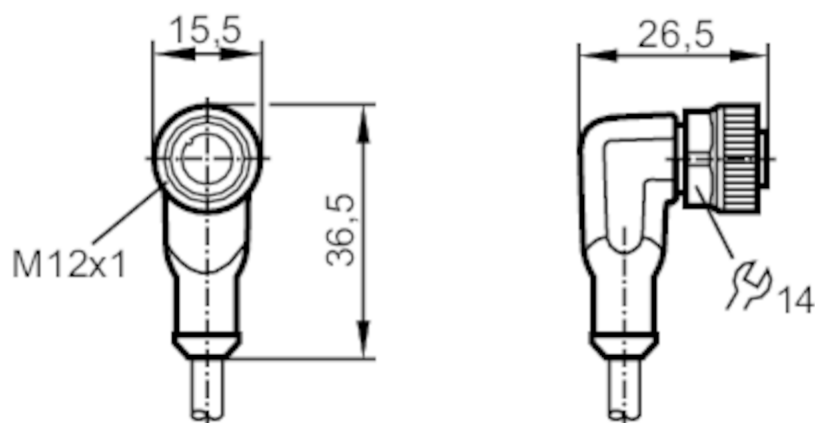


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Connecting cable with socket

ADOAH050MSN0002H05/1G/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

ENC10A



Connecting cable with socket

ADOAH050MSN0002H05/1G/1D

Safety classification

Max. internal capacitance	[nF]	0.2
Max. internal inductance	[μH]	4

Mechanical data

Weight	[g]	104.6
Dimensions	[mm]	26.5 x 15.5 x 36.5
Materials		housing: TPU orange; Sealing: FKM
Material nut		brass

Remarks

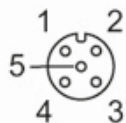
Remarks	Special conditions for safe operation apply for use in hazardous areas. Observe the corresponding notes in the operating instructions (Ex protection related part).
Pack quantity	1 pcs.

Electrical connection

Cable: 2 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, angled; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



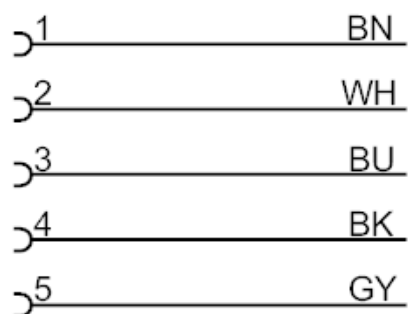
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Connecting cable with socket

ADOAH050MSN0002H05/1G/1D

Connection



Core colours :

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