



Inductive Sensors Series 30 - NAMUR EN 60947-5-6

Housing M 30 x 1.5

- Housing material: Brass
- For use in areas with the risk of gas explosion, zone 1
- For use in areas with the risk of dust explosion, zone 20
- Sensing distance $S_n = 15 \text{ mm}$

Certificates:

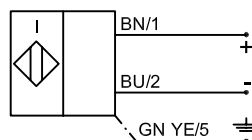
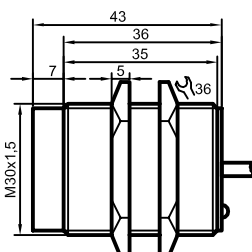


DMT 03 ATEX E 048	IECEX BVS 07.0031	DMT 03 ATEX E 048	IECEX BVS 07.0031
Ⓜ II 2G EEx ia IIC T1-T6	Ex ia IIC T1-T6	Ⓜ II 2G EEx ia IIC T1-T6	Ex ia IIC T1-T6
		Ⓜ II 1D IP67 T101°C	Ex tD A20 IP67 T101°C

Technical data

Non-flush mountable

Operating distance S_n	15 mm
Electrical version	3-wire DC
Output	NAMUR EN 60947-5-6
Type	IAS-30-A24-N-StEx
Art.-No.	IA 0263
Connection diagram No.	See below
Operating voltage (U_B)	$U_l = 15 \text{ V DC}$
Output current active surface free	> typ. 2 mA
Output current active surface covered	< typ. 1.5 mA
Self-inductance (L)	2 mH
Self-capacitance (C)	250 nF
Permitted residual ripple max.	5 %
Frequency of operating cycles max.	1 kHz
Permitted ambient temperature	-20...+90 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67
Connection cable	2 m PUR, 3 x 0.75 mm ²
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)



Made in Germany