



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

Housing M 12 x1

- Housing material: Brass
- For use in areas with the risk of gas explosion, zone 0
- Sensing distance $S_n = 4 \text{ mm}$

Certificates:



DMT 03 ATEX E 048

IECEx BVS 07.0031

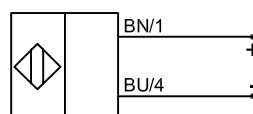
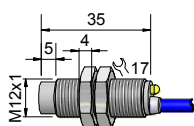
Ex II 1G Ex ia IIC T1-T6 Ga

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Technical data

Non-flush mountable

Operating distance S_n	4 mm
Electrical version	2-wire DC
Output	NAMUR EN 60947-5-6
Type	IAS-30-A22-N
Art.-No.	IA 0045
Operating voltage (U_B)	5 - 15 V DC, $U_i = 15 \text{ V DC}$
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.	1.5 kHz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67
Connection cable	10 m PVC, 2 x 0.14 mm ²
Housing material	Brass
Active surface	PA / PPO
Lid	PA / PPO



Made in Germany