



## 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  $S_n = 4$  mm

Certificates:



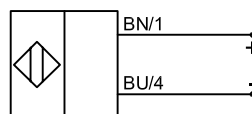
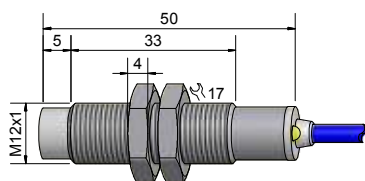
DMT 03 ATEX E 048

IECEx BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

Ex ia IIC T1-T6 Ga

Technical data	Non-flush mountable
Operating distance $S_n$	4 mm
Electrical version	2-wire DC
Output	NAMUR EN 60947-5-6
<b>Type</b>	<b>IAS-30-A22-N</b>
<b>Art.-No.</b>	<b>IA 0011</b>
Operating voltage ( $U_B$ )	5 -15 V DC, $U_i = 15$ 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	5 m PVC, 2 x 0.14 mm <sup>2</sup>
Housing material	Brass
Active surface	PA / PPO
Lid	PA / PPO



All specifications are subject to change without notice. (25.01.2013)

**Made in Germany**