



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

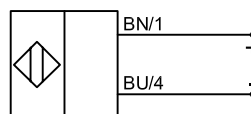
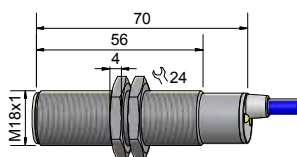
Housing M 18 x 1

- Housing material: Stainless steel VA
- For use in areas with the risk of gas explosion, zone 1
- Sensing distance $S_n = 5\text{ mm}$

Certificates:    

DMT 03 ATEX E 048	IECEX BVS 07.0031
⊕ II 2 G EEx ia IIC T1-T6	Ex ia IIC T1-T6

Technical data	Flush mountable
Operating distance S_n	5 mm
Electrical version	2-wire DC
Output	NAMUR DIN 60947-5-6
Type	IAS-30-A13-N-PPO/VA
Art.-No.	IA 0311
Operating voltage (U_B)	$U_i = 15\text{ V DC}$
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	5 m PUR, 2 x 0.34 mm ²
Housing material	VA No. 1.4404
Active surface	PPO
Lid	PA / PPO



All specifications are subject to change without notice. (25.10.2012)

Made in Germany