



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

Housing M 18 x 1, length = 70 mm

- Housing material: PA / PPO
- For use in areas with the risk of gas explosion, zone 0
- Sensing distance $S_n = 8$ mm

Certificates:



DMT 03 ATEX E 048

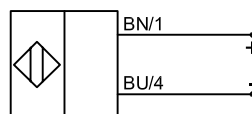
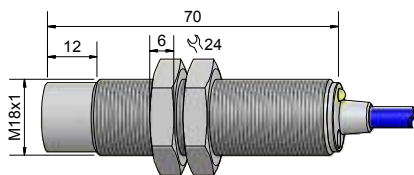
IECEx BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

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Technical data

	Non-flush mountable
Operating distance S_n	8 mm
Electrical version	2-wire DC
Output	NAMUR DIN 60947-5-6
Type	IAS-30-A23-N-K
Art.-No.	IA 0258
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 PUR, 2 x 0.34 mm ²
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO



All specifications are subject to change without notice. (30.01.2013)

Made in Germany