



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

Housing M 12 x 1

- Housing material: Stainless steel VA
- For use in areas with the risk of gas explosion, zone 0
- Sensing distance $S_n = 2$ mm
- With flange connector M 12 x 1

Certificates:



DMT 03 ATEX E 048

IECEx BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

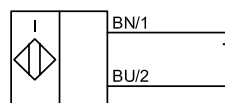
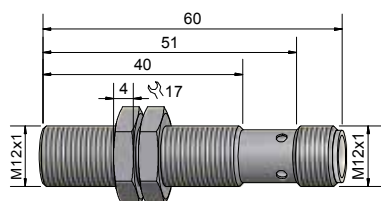
Ex ia IIC T1-T6 Ga

Technical data

Flush mountable

Operating distance S_n	2 mm
Electrical version	2-pin DC
Output	NAMUR EN 60947-5-6
Type	IAS-30-A12-N-Y5
Art.-No.	IA 0190
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	Flange connector M 12 x 1
Housing material	VA No. 1.4305
Active surface	PA / PPO
Lid	-

All specifications are subject to change without notice. (05/2013)



Made in Germany