



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

Housing M 8 x 1

- Housing material: Stainless steel VA No. 1.4305 (AISI 303)
- For use in areas with the risk of gas explosion, zone 0
- Sensing distance $S_n = 1.5 \text{ mm}$

DMT 03 ATEX E 048

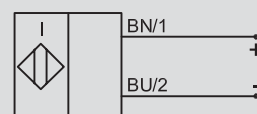
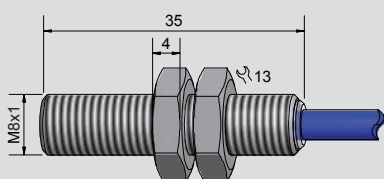
IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

Ex ia IIC T1-T6 Ga



Technical data	Flush mountable
Operating distance S_n	1.5 mm
Electrical version	2-wire DC
Output	NAMUR EN 60947-5-6
Type current	IAS-30-M8-N-M8-PVC/VAb-Z02-1G
Type	IAS-30-M8-N
Art.-No.	IA 0270
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.	500 Hz
Permitted ambient temperature	-25...+70 °C
Degree of protection IEC 60529	IP 67
Connection cable	2 m PVC, 2 x 0.14 mm ²
Housing material	Stainless steel VA No. 1.4305 (AISI 303)
Active surface	PVC
Lid	PA / PPO
Accessories (delivered with the sensor)	2 nuts M 8 x 1



Made in Germany