



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

Housing Ø 6.5 mm

- Housing material: Stainless steel VA
- For use in areas with the risk of gas explosion, zone 0
- Sensing distance $S_n = 1.5$ mm

Certificates:



DMT 03 ATEX E 048

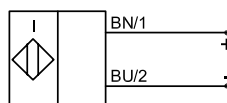
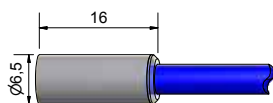
IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

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Technical data

	Flush mountable
Operating distance S_n	1.5 mm
Electrical version	2-wire DC
Output	NAMUR EN 60947-5-6
Type	IAS-30-6.5-N
Art.-No.	300 900
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.	500 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	-
Degree of protection IEC 60529	IP 67
Connection cable	2 m PVC, 2 x 0.14 mm ²
Housing material	VA No. 1.4305
Active surface	PVC
Lid	PA / PPO



Made in Germany

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