



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

Housing Ø 4 mm

- Housing material: Stainless steel VA
- For use in areas with the risk of gas explosion, zone 0
- Sensing distance  $S_n = 0.8$  mm

Certificates:



DMT 03 ATEX E 048

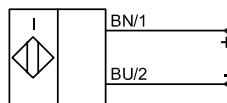
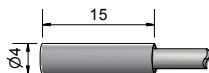
IECEx BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

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### Technical data

	Flush mountable
Operating distance $S_n$	0.8 mm
Electrical version	2-wire DC
Output	NAMUR EN 60947-5-6
<b>Type</b>	<b>IAS-30-04-N</b>
<b>Art.-No.</b>	<b>300 700</b>
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 <sup>2</sup>
Housing material	VA No. 1.4305
Active surface	-
Lid	-



Made in Germany

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