



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

Housing M 8 x 1

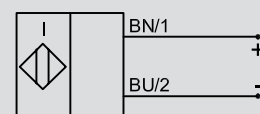
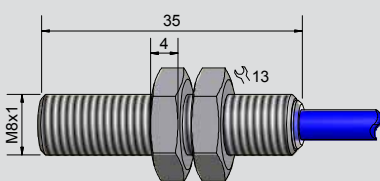
- Housing material: Stainless steel VA No. 1.4305 (AISI 303)
- For use in areas with the risk of gas explosion, zone 0

DMT 03 ATEX E 048	IECEX BVS 07.0031
Ex II 1G Ex ia IIC T1-T6 Ga	Ex ia IIC T1-T6 Ga



<b>Technical data</b>	Flush mountable
Operating distance $S_n$	1.5 mm
Electrical version	2-wire DC
Output	NAMUR EN 60947-5-6
<b>Type</b>	<b>IAS-30-M8-N</b>
<b>Art.-No.</b>	<b>IA 0270</b>
Operating voltage ( $U_g$ )	5 - 15 V DC, $U_l = 15$ 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
Degree of protection IEC 60529	IP 67
Connection cable	2 m PVC, 2 x 0.14 mm <sup>2</sup>
Housing material	Stainless steel VA No. 1.4305 (AISI 303)
Active surface	PVC
Lid	PA / PPO
<b>Accessories</b> (delivered with the sensor)	2 nuts M 8 x 1

All specifications are subject to change without notice. (07.06.2019)



**Made in Germany**