



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

Housing M 30 x 1.5

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Stainless steel VA No. 1.4404 / AISI 316L
- Sensing distance  $S_n = 10$  mm

DMT 03 ATEX E 048

IECEX BVS 07.0031

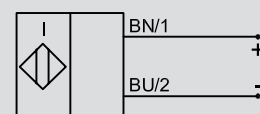
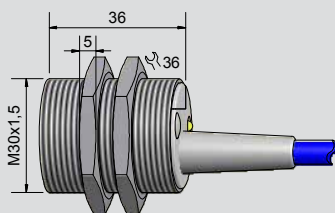
II 1G Ex ia IIC T1-T6 Ga

Ex ia IIC T1-T6 Ga



<b>Technical data</b>	Flush mountable
Operating distance $S_n$	10 mm
Electrical version	2-wire DC
Output	NAMUR EN 60947-5-6
<b>Type</b>	<b>IAS-30-A14-N</b>
<b>Art.-No.</b>	<b>IA 0023</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.	1 kHz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67
Connection cable	16 m, PUR, 2 x 0.75 mm <sup>2</sup> (halogenfree)
Housing material	Stainless steel VA No. 1.4404 / AISI 316L
Active surface	PVC
Lid	PA / PPO
<b>Accessories</b> (delivered with the sensor)	2 nuts M 30 x 1.5

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



**Made in Germany**