



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

Housing M 18 x 1

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Stainless steel VA No. 1.4305 / AISI 303
- Sensing distance  $S_n = 5$  mm

DMT 03 ATEX E 048

IECEX BVS 07.0031

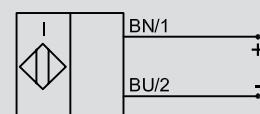
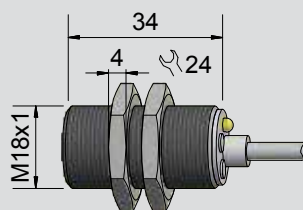
II 1G Ex ia IIC T1-T6 Ga

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<b>Technical data</b>	Flush mountable
Operating distance $S_n$	5 mm
Electrical version	2-wire DC
Output	NAMUR EN 60947-5-6
<b>Type current</b>	<b>IAS-30-A13-N-M18-PTFE/VA b-Z05-0-1G</b>
<b>Type</b>	<b>IAS-30-A13-N-PTFE/V2A</b>
<b>Art.-No.</b>	<b>300 313</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.	1 kHz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67
Connection cable	5 m, PTFE, 2 x 0.22 mm <sup>2</sup>
Housing material	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)
<b>Accessories</b> (delivered with the sensor)	2 nuts M 18 x 1

All specifications are subject to change without notice. (09.07.2019)



**Made in Germany**