



## 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
- Sensing distance  $S_n = 10\text{ mm}$

DMT 03 ATEX E 048

IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

Ex ia IIC T1-T6 Ga



### Technical data

Flush mountable

Operating distance  $S_n$

10 mm

Electrical version

2-wire DC

Output

NAMUR EN 60947-5-6

### Type

**IAS-30-A14-N**

### Art.-No.

**IA 0304**

Operating voltage ( $U_b$ )

5 - 15 V DC,  $U_i = 15\text{ V DC}$

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 PUR, 2 x 0.75 mm<sup>2</sup>

Housing material

VA No. 1.4404

Active surface

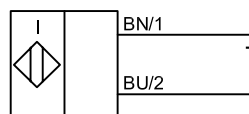
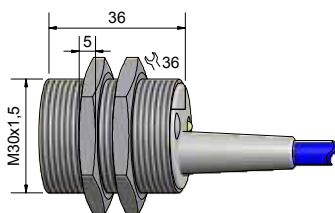
PVC

Lid

PA / PPO

**Accessories** (is delivered with the unit)

2 pieces nuts M 30



All specifications are subject to change without notice. (08.04.2014)

**Made in Germany**