



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

Housing M 30 x 1.5

- Housing material: Brass
- For use in areas with the risk of gas explosion, zone 0
- Sensing distance $S_n = 10$ mm

Certificates:



DMT 03 ATEX E 048

IECEx BVS 07.0031

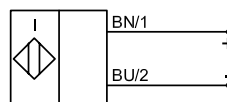
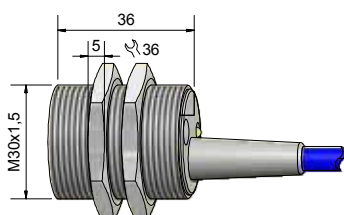
Ex II 1G Ex ia IIC T1-T6 Ga

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Technical data

| | |
|---------------------------------------|-----------------------------------|
| | Flush mountable |
| Operating distance S_n | 10 mm |
| Electrical version | 2-wire DC |
| Output | NAMUR EN 60947-5-6 |
| Type | IAS-30-A14-N |
| Art.-No. | 300 500 |
| 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 | 2 m PUR, 2 x 0.75 mm ² |
| Housing material | Brass |
| Active surface | PVC |
| Lid | PA / PPO |

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



Made in Germany