



## Capacitive Sensors Series 40 - NAMUR EN 60947-5-6



Housing M 32 x 1.5

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Stainless steel VA
- Sensing distance 3...20 mm adjustable

Certificate:



DMT 03 ATEX E 048

IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

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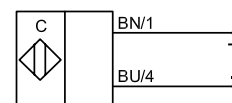
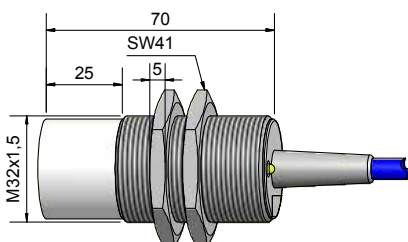


### Technical data

Non-flush mountable

|   |                                    |
|---|------------------------------------|
| Operating distance $S_n$                        | 18 mm                              |
| Operating distance min. / max. adjustable       | 3...20 mm                          |
| Electrical version                              | 2-wire DC                          |
| Output function                                 | NAMUR DIN 60947-5-6                |
| <b>Type</b>                                     | <b>KAS-40-34-N-M32-PTFE/V2A</b>    |
| <b>Art. No.</b>                                 | <b>402 400</b>                     |
| Operating voltage ( $U_B$ )                     | 5 - 15 V DC, $U_i = 15$ V DC       |
| Output current active surface free              | < typ. 1.5 mA                      |
| Output current active surface covered           | > typ. 2.5 mA                      |
| Self-inductance (L)                             | 0.2 mH                             |
| Self-capacitance (C)                            | 250 nF                             |
| Permitted residual ripple max.                  | 5 %                                |
| Frequency of operating cycles max.              | 50 Hz                              |
| Permitted ambient temperature                   | -20...+70 °C                       |
| LED-display                                     | Yellow                             |
| Degree of protection IEC 60529                  | IP 67*                             |
| Connection cable                                | 2 m, PUR, 2 x 0.75 mm <sup>2</sup> |
| Housing material                                | VA No. 1.4305                      |
| Active surface                                  | PTFE (FDA 21 CFR 177.1550)         |
| Lid   | PA / PPO                           |
| <b>Accessories</b> (is delivered with the unit) | 2 pieces nuts M 32                 |

\* With sealed potentiometer screw



All specifications are subject to change without notice. (06/2014)

**Made in Germany**