



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



Housing M 12 x 1

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Stainless steel VA
- Sensing distance 1...6 mm adjustable

Certificate:



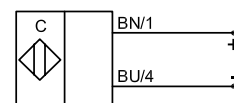
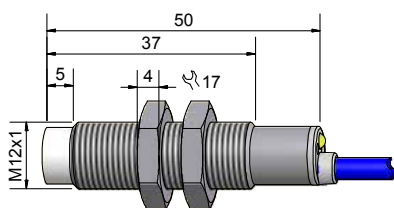
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|-----------------------------|--------------------|
| DMT 03 ATEX E 048 | IECEX BVS 07.0031 |
| Ex II 1G Ex ia IIC T1-T6 Ga | Ex ia IIC T1-T6 Ga |



Technical data

| | |
|---|------------------------------------|
| | Non-flush mountable |
| Operating distance S_n | 4 mm |
| Operating distance min. / max. adjustable | 1...6 mm |
| Electrical version | 2-wire DC |
| Output function | NAMUR DIN 60947-5-6 |
| Type | KAS-40-A22-N |
| Art. No. | 400 250 |
| 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, PVC, 2 x 0.14 mm ² |
| Housing material | VA No. 1.4305 |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Lid | PA / PPO |
| Accessories (is delivered with the unit) | 2 pieces nuts M 12 |

* With sealed potentiometer screw



Made in Germany

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