



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

Housing M 22 x 1.5

- For use in areas with the risk of gas explosion, zone 0
- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Sensing distance 3...10 mm adjustable

Certificate:



DMT 03 ATEX E 048

IECEx BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

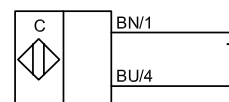
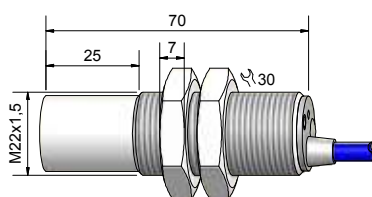
Ex ia IIC T1-T6 Ga



Technical data

Non-flush mountable

| | |
|---|------------------------------------|
| Operating distance S_n | 8 mm |
| Operating distance min. / max. adjustable | 3...10 mm |
| Electrical version | 2-wire DC |
| Output function | NAMUR DIN 60947-5-6 |
| Type | KAS-40-24-N-M22-PTFE |
| Art. No. | KA 0640 |
| 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 | -25...+70 °C |
| LED-display | - |
| Degree of protection IEC 60529 | IP 67 |
| Connection cable | 5 m, PUR, 2 x 0.34 mm ² |
| Housing material | PTFE (FDA 21 CFR 177.1550) |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Lid | PA / PPO |



All specifications are subject to change without notice. (05.02.2013)

Made in Germany