



Capacitive Sensors
Series 70 - NPN
Series 80 - PNP



Housing M 30 x 1,5

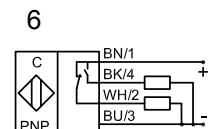
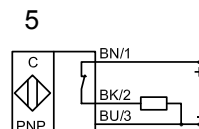
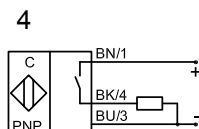
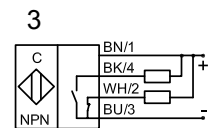
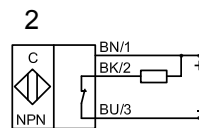
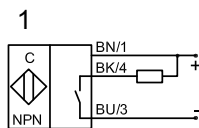
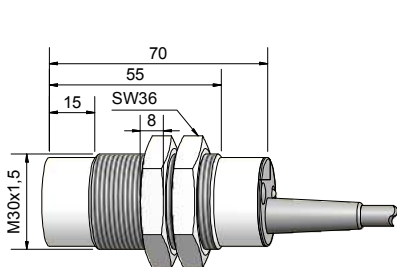
- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Sensing distance 1...30 mm adjustable
- Option: Total chemical resistance is given when ordering the sensor with PTFE cable and PTFE-protection set Art.-No. 196302.

Certificate:



| Technical data | Non-flush mountable |
|---|------------------------------------|
| Operating distance S_n | 15 mm |
| Operating distance min. / max. adjustable | 1...30 mm |
| Electrical version | 4-wire DC |
| Output function | Antivalent (NO + NC) |
| Type NPN | KAS-70-A24-A-K-PTFE |
| Art.-No. | 708 401 |
| Connection diagram No. | 3 |
| Type PNP | KAS-80-A24-A-K-PTFE |
| Art.-No. | 808 401 |
| Connection diagram No. | 6 |
| Operating voltage (U_B) | 10...35 V DC |
| Output current max. (I_a) | 2 x 250 mA |
| Voltage drop max. (U_a) | ≤ 2.0 V |
| Permitted residual ripple max. | 10 % |
| No-load current (I_o) | Typ. 15 mA |
| Frequency of operating cycles max. | 50 Hz |
| Permitted ambient temperature | -25...+70 °C |
| LED-display | Green / yellow |
| Protective circuit | Built-in |
| Degree of protection IEC 529 | IP 67 |
| Norm | EN 60947-5-2 |
| Connection cable | 2 m, PVC, 4 x 0.50 mm ² |
| Housing material | PTFE (FDA 21 CFR 177.1550) |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Lid | PA / PPO |
| Media optimized | Yes |

All specifications are subject to change without notice. (31.01.2012)



Made in Germany