



Capacitive Sensors

Series 80 - PNP

Housing G1"

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Sensing distance 1...40 mm adjustable



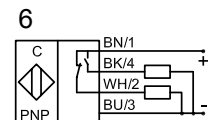
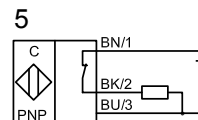
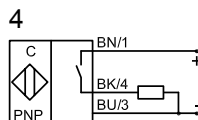
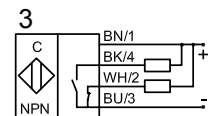
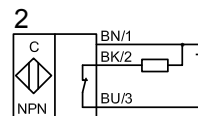
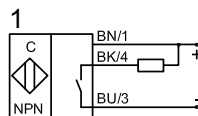
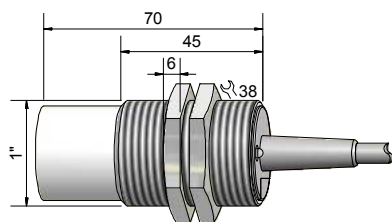
Certificate:



Technical data

| | | |
|---|------------------------------------|---------------------|
| Operating distance S_n | 25 mm | Non-flush mountable |
| Operating distance min. / max. adjustable | 1...40 mm | |
| Electrical version | 4-wire DC | |
| Output | Antivalent (NO + NC) | |
| Type NPN | | |
| Art.-No. | | |
| Connection diagram No. | | |
| Type PNP | | |
| KAS-80-35-A-1"-PTFE | | |
| Art.-No. | | |
| 819 150 | | |
| Connection diagram No. | | |
| 6 | | |
| Operating voltage (U_B) | 10...35 V DC | |
| Output current max. (I_o) | 250 mA | |
| Voltage drop max. (U_o) | ≤ 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 60529 | IP 67 | |
| Norm | EN 60947-5-2 | |
| Connection | 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. (12.10.2012)



Made in Germany