



Capacitive Sensors

Series 80 - PNP



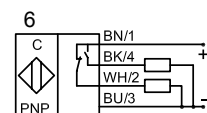
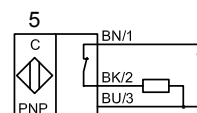
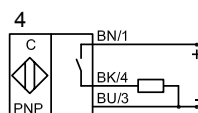
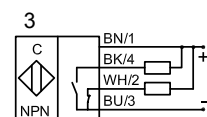
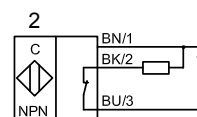
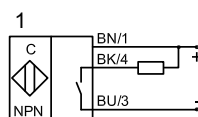
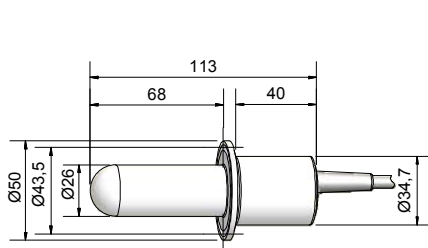
Housing Ø 26 mm / Triclamp

- Housing material: PTFE
- Useable for an ambient temperature up to +100 °C
- SIP / CIP 121 °C
- Ideal of detection of chemically aggressive media
- Suitable for foods and pharmaceutical applications
- With Triclamp process connection

Certificate:



| | |
|---|--|
| Technical data | Non-flush mountable |
| Operating distance S_n | 5 mm |
| Operating distance min. / max. adjustable | 0...20 mm |
| Electrical version | 4-wire DC |
| Output | Antivalent (NO + NC) |
| Type NPN | KAS-70-26-A-PTFE-Tri-100°C |
| Art.-No. | KA 1025 |
| Connection diagram No. | 3 |
| Type PNP | KAS-80-26-A-PTFE-Tri-100°C |
| Art.-No. | KA 0415 |
| Connection diagram No. | 6 |
| Operating voltage (U_B) | 10...35 V DC |
| Output current max. (I_o) | 2 x 250 mA |
| Load current min. | - |
| Voltage drop max. (U_d) | ≤ 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...+100 °C / CIP 121 °C (zero-current) |
| LED-display | Green / yellow |
| Protective circuit | Built-in |
| Degree of protection IEC 60529 | IP 67 |
| Norm | EN 60947-5-2 |
| Connection cable | 2 m, PVC, 4 x 0.5 mm ² |
| Housing material | PTFE (FDA 21 CFR 177.1550) |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Lid | PA |



Made in Germany

All specifications are subject to change without notice. (06.05.2011)