



## Capacitive Sensors

### Series 80 - PNP



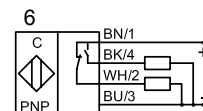
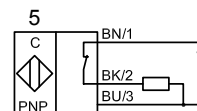
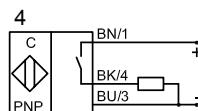
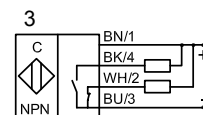
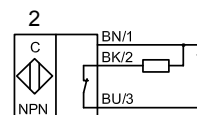
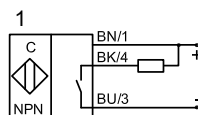
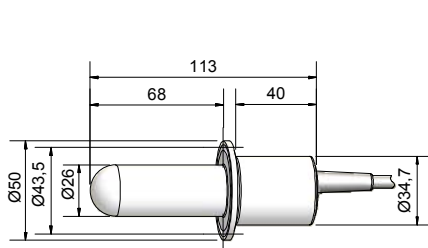
Housing Ø 26 mm / Triclamp

- 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:



<b>Technical data</b>	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)
<b>Type NPN</b>	<b>KAS-70-26-A-PTFE-Tri-100°C</b>
<b>Art.-No.</b>	<b>KA 1025</b>
Connection diagram No.	3
<b>Type PNP</b>	<b>KAS-80-26-A-PTFE-Tri-100°C</b>
<b>Art.-No.</b>	<b>KA 0415</b>
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 <sup>2</sup>
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)