



## Capacitive Sensors

### Series 80 - PNP

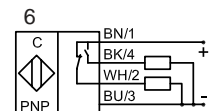
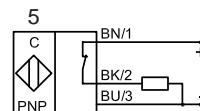
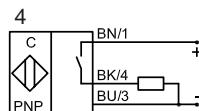
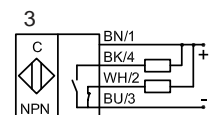
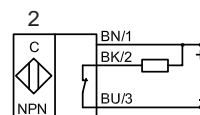
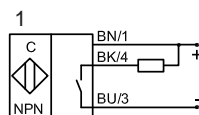
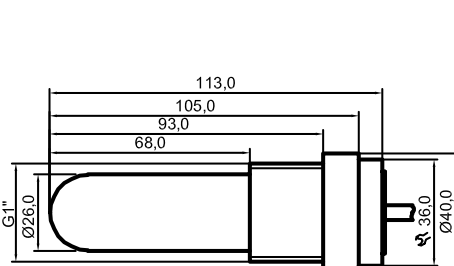
Housing  $\varnothing = 26 \text{ mm} / 1'' / 40 \text{ mm}$

- Housing material PTFE
- Useable for an ambient temperature up to  $+100^\circ \text{C}$
- SIP / CIP  $121^\circ \text{C}$
- Ideal of detection of chemically aggressive media
- Suitable for foods and pharmaceutical applications
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)

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)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No..	
<b>Type PNP</b>	<b>KAS-80-26-A-PTFE-1''-100°C</b>
<b>Art.-No.</b>	<b>KA 0277</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. ( $U_d$ )	$\leq 2.0 \text{ V}$
Permitted residual ripple max.	10%
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	$-25...+100^\circ \text{C} /$ CIP $121^\circ \text{C}$ (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**