



## Capacitive Sensors Series 70 - NPN Series 80 - PNP

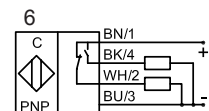
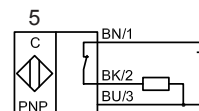
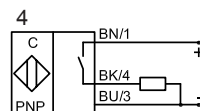
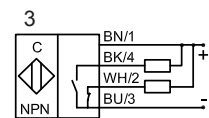
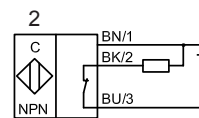
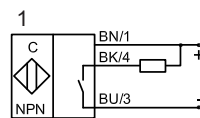
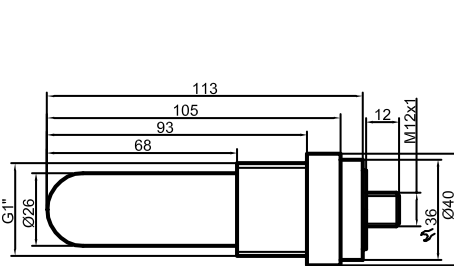
Housing  $\varnothing = 26 \text{ mm} / 1'' / 40 \text{ mm}$

- Housing material PTFE
- SIP / CIP 121° 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)
- With flange connector M 12 x 1

Certificate:



Technical data	Non-flush mountable
Operating distance $S_n$	5 mm
Operating distance min. / max. adjustable	0...20 mm
Electrical version	4-pin DC
Output function	Antivalent (NO + NC)
<b>Type NPN</b>	<b>KAS-70-26-A-PTFE-1"-Y5</b>
<b>Art.-No.</b>	<b>KA 0844</b>
Connection diagram No.	3
<b>Type PNP</b>	<b>KAS-80-26-A-PTFE-1"-Y5</b>
<b>Art.-No.</b>	<b>KA 0642</b>
Connection diagram No.	6
Operating voltage ( $U_b$ )	10...35 V DC
Output current max. ( $I_o$ )	2 x 250 mA
Voltage drop max. ( $U_o$ )	$\leq 2.0 \text{ V}$
Permitted residual ripple max.	10%
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °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	Flange connector M 12 x 1
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes



**Made in Germany**

All specifications are subject to change without notice. (24.03.2010)