



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

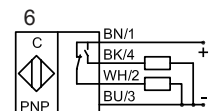
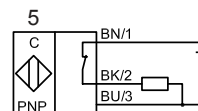
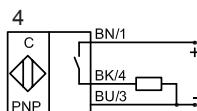
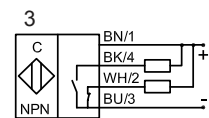
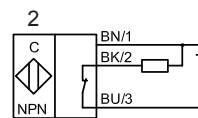
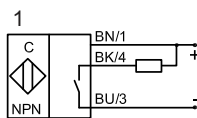
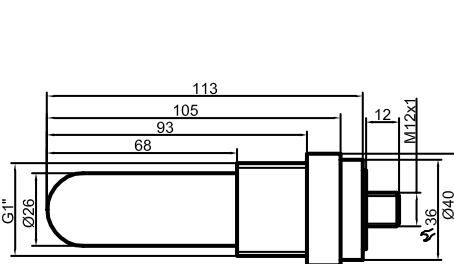
Certificate:



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)
Type NPN	KAS-70-26-A-PTFE-1"-Y5
Art.-No.	KA 0844
Connection diagram No.	3
Type PNP	KAS-80-26-A-PTFE-1"-Y5
Art.-No.	KA 0642
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

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



Made in Germany