



Capacitive Sensors
Series 70 - NPN
Series 80 - PNP



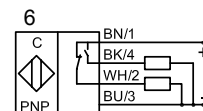
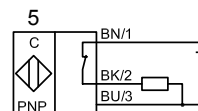
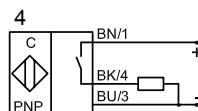
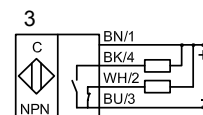
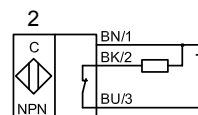
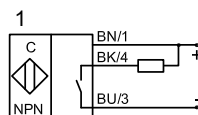
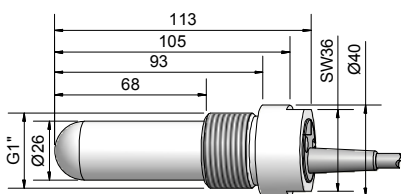
Housing $\varnothing = 26 \text{ mm} / 1'' / 40 \text{ mm}$

- Housing material: PTFE
- SIP / CIP 121° C
- 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)
Type NPN	KAS-70-26-A-PTFE-1''
Art.-No.	KA 1078
Connection diagram No.	3
Type PNP	KAS-80-26-A-PTFE-1''
Art.-No.	813 100
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 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
Media optimized	Yes



Made in Germany

All specifications are subject to change without notice. (30.05.2011)