



## Capacitive Sensors

### Series 80 - PNP

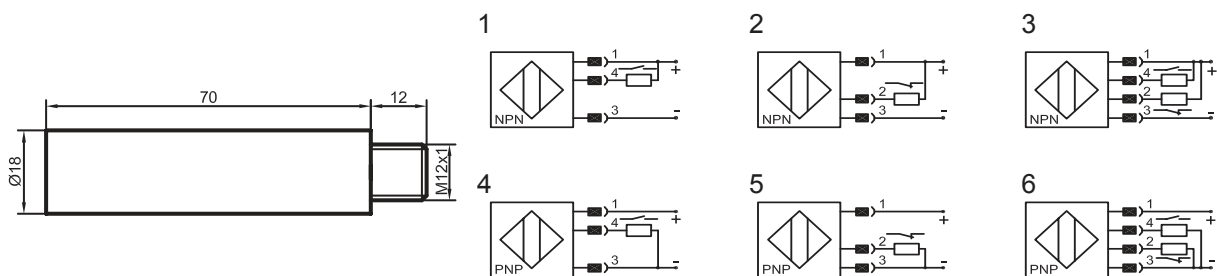
Housing  $\varnothing = 18$  mm

- Housing material PTFE
- Sensing distance 1...8 mm adjustable
- Ideal of detection of chemically aggressive media
- Suitable for foods and pharmaceutical applications
- With flange connector M 12 x 1

Certificate:



Technical data	Flush mountable
Operating distance $S_n$	5 mm
Operating distance min./max. adjustable	1...8 mm
Electrical version	4-pin DC
Output	Antivalent (NO + NC)
Type NPN	
Art.-No.	
Connection diagram No..	
Type PNP	KAS-80-18-A-K-PTFE-Y3
Art.-No.	811 160
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. ( $U_d$ )	$\leq 2.0$ V
Permitted residual ripple max.	10%
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	100 Hz
Permitted ambient temperature	-25...+70° C
LED-display	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
Active surface	PTFE
Lid	-



**Made in Germany**

All specifications are subject to change without notice. (11.02.2008)