



## Capacitive Sensors

### Series 80 - PNP

Housing M 18 x 1

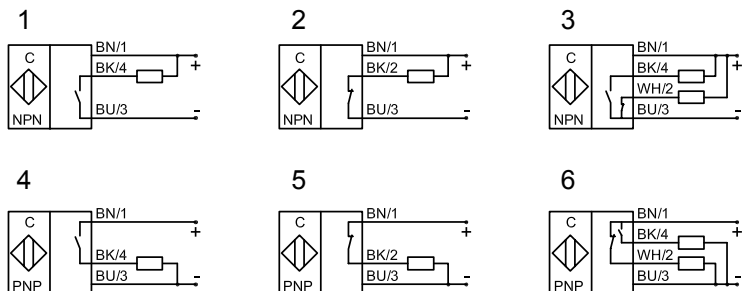
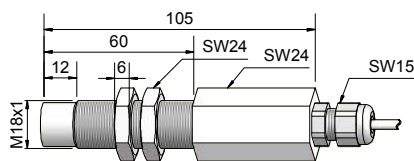
- Housing material: PTFE
- Sensing distance 2...10 mm adjustable
- With fixed sealing set

Certificate:



<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	8 mm
Operating distance min. / max. adjustable	2...10 mm
Electrical version	3-wire DC
Output function	Normally open (NO)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
<b>KAS-80-A23-S-K-PTFE-IP68</b>	
<b>Art.-No.</b>	
<b>803 666</b>	
Connection diagram No.	
4	
Operating voltage ( $U_B$ )	12...30 V DC
Output current max. ( $I_o$ )	200 mA
Voltage drop max. ( $U_d$ )	$\leq 2.0$ V
Permitted residual ripple max.	5 %
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67
Norm	EN 60947-5-2
Connection cable	2 m, PTFE, 3 x 0.22 mm <sup>2</sup>
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO

All specifications are subject to change without notice. (21.06.2012)



**Made in Germany**