



## Capacitive Sensors

### Series 80 - PNP

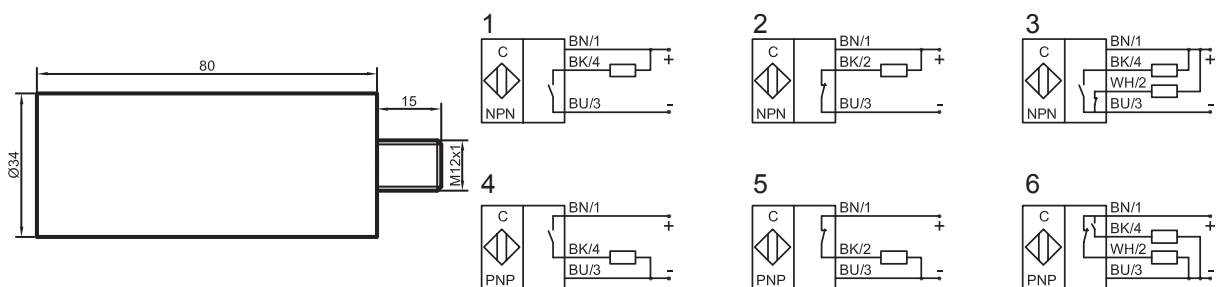
- Housing Ø 34 mm
- Housing material PTFE
- Sensing distance 0...40 mm adjustable
- With flange connector M 12 x 1

Certificate:



<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	25 mm
Operating distance min. / max. adjustable	0...40 mm
Electrical version	3-pin DC
Output function	Normally open (NO)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No..	
<b>Type PNP</b>	
<b>KAS-80-38-S-K-PTFE-Y5</b>	
<b>Art.-No.</b>	
<b>825 450</b>	
Connection diagram No.	
4	
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_o$ )	250 mA
Voltage drop max. ( $U_d$ )	≤ 2,0 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
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	PTFE (FDA 21 CFR 177.1550)

All specifications are subject to change without notice. (17.08.2009)



**Made in Germany**