



Capacitive Sensors

Series 80 - PNP

Housing Ø 34 mm

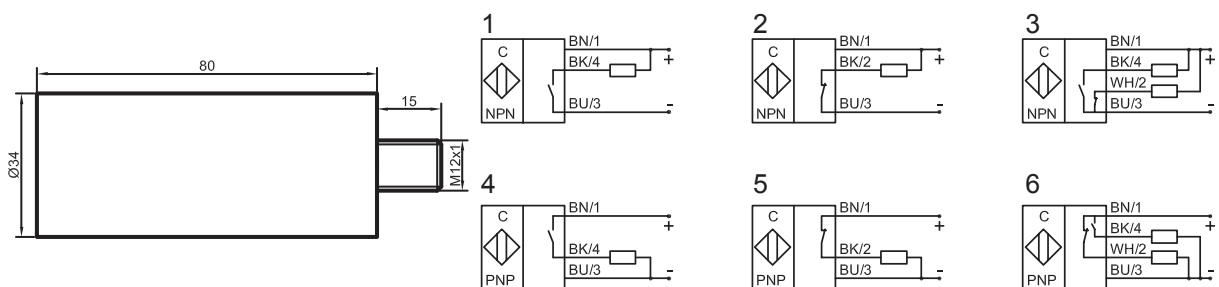
- Housing material PTFE
- Sensing distance 0...40 mm adjustable
- With flange connector M 12 x 1

Certificate:



Technical data	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)
Type NPN	
Art.-No.	
Connection diagram No..	
Type PNP	
KAS-80-38-S-K-PTFE-Y5	
Art.-No.	
825 450	
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