



Capacitive Sensors

Series 80 - PNP

Housing 1"

- Housing material: Brass
- Sensing distance 1...40 mm adjustable
- With special connector M 12 x 1
Pin connection: Pin 1 = +, Pin 2 = A2, Pin 3 = -,
Pin 4 = A1, Pin 5 = PE

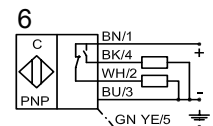
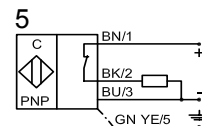
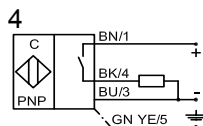
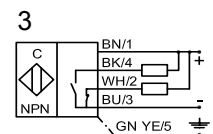
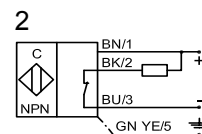
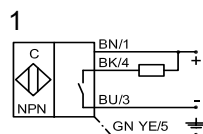
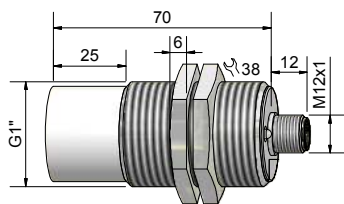


Certificate:



Technical data

Operating distance S_n	25 mm	Non-flush mountable
Operating distance min./max. adjustable	1...40 mm	
Electrical version	4-pin DC	
Output	Antivalent (NO + NC)	
Type NPN		
Art.-No.		
Connection diagram No.		
Type PNP		
Art.-No.		
KAS-80-34-A-1"-PTFE/MS-Y9		
Art.-No.		
818 151		
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)	≤ 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 cable	Flange connector M 12 x 1	
Housing material	Brass	
Active surface	PTFE (FDA 21 CFR 177.1550)	
Lid	PA / PPO	
Media optimized		



Made in Germany

All specifications are subject to change without notice. (27.02.2012)