



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

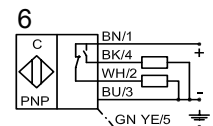
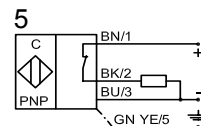
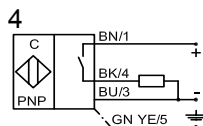
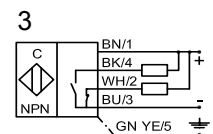
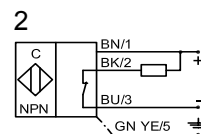
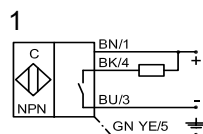
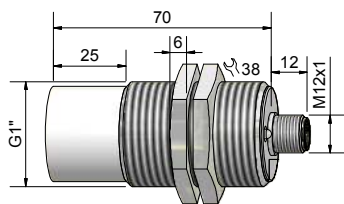


Certificate:



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)