



Capacitive Sensors

Series 80 - PNP

Housing M 18 x 1

- Housing material: PTFE
- Ideal of detection of chemically aggressive media
- Suitable for foods applications
- Sensing distance 0,5...10 mm adjustable
- With flange connector M 12 x 1



Certificate:



Quattro^{ETC}Protect™

Technical data

Flush mountable

Operating distance S_n	5 mm
Operating distance min. / max. adjustable	0.5...10 mm
Electrical version	4-pin DC
Output	Antivalent (NO + NC)

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-A13-A-K-PTFE-Y3

Art.-No.

KA 0848

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_d) ≤ 2.0 V

Permitted residual ripple max. 10 %

No-load current (I_o) Typ. 15 mA

Frequency of operating cycles max. 300 Hz

Permitted ambient temperature -25...+70 °C

LED-display Yellow

Protective circuit Built-in

Degree of protection IEC 60529 IP 67

Norm EN 60947-5-2

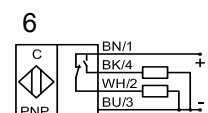
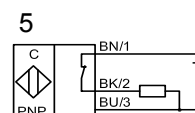
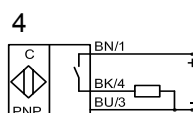
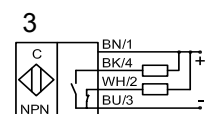
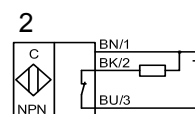
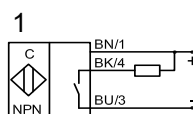
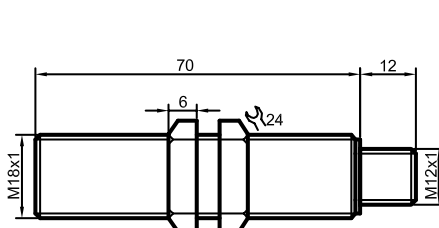
Connection Flange connector M 12 x 1

Housing material PTFE (FDA 21 CFR 177.1550)

Active surface PTFE (FDA 21 CFR 177.1550)

Lid -

Media optimized Yes



Made in Germany