



## Capacitive Sensors

### Series 80 - PNP



Housing M 30 x 1.5

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Also suitable for food applications
- Sensing distance 0,5...25 mm adjustable

Certificate:



QuattroEtcProtect™

#### Technical data

Flush mountable

Operating distance  $S_n$

10 mm

Operating distance min. / max. adjustable

0.5...25 mm

Electrical version

4-wire DC

Output function

Antivalent (NO + NC)

#### Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-A14-A-K-PTFE

Art.-No.

KA 0161

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.

200 Hz

Permitted ambient temperature

-25...+70 °C

LED-display

Green / yellow

Protective circuit

Built-in

Degree of protection IEC 529

IP 67

Norm

EN 60947-5-2

Connection

5 m, PTFE, 4 x 0.22 mm<sup>2</sup>

Housing material

PTFE (FDA 21 CFR 177.1550)

Active surface

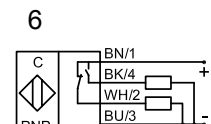
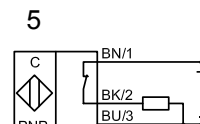
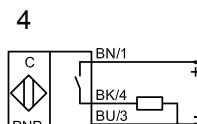
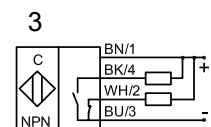
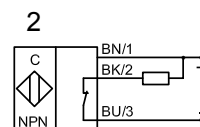
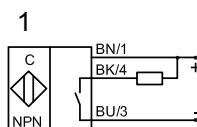
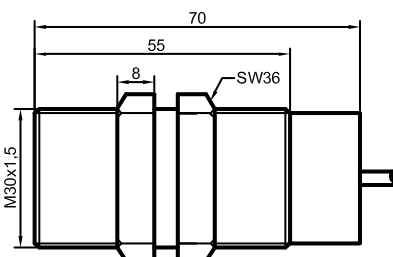
PTFE (FDA 21 CFR 177.1550)

Lid

PTFE (FDA 21 CFR 177.1550)

Media optimized

Yes



**Made in Germany**

All specifications are subject to change without notice. (23.03.2010)