



## Capacitive Sensors

### Series 80 - PNP

- Housing Ø 50 mm
- Housing material: PEEK
- Sensing distance 1...50 mm adjustable
- With flange connector M 12 x 1

Certificate:



QuattroEtcProtect™

#### Technical data

Flush mountable

Operating distance $S_n$	30 mm
Operating distance min. / max. adjustable	1...50 mm
Electrical version	4-pin DC
Output function	Antivalent (NO + NC)

#### Type NPN

Art.-No.

Connection diagram No.

#### Type PNP

KAS-80-50-Ö-PEEK-Y5

Art.-No.

827 381

Connection diagram No.

5

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.

100 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

Flange connector M 12 x 1

Housing material

PEEK (FDA 21 CFR 177.2415)

Active surface

PEEK (FDA 21 CFR 177.2415)

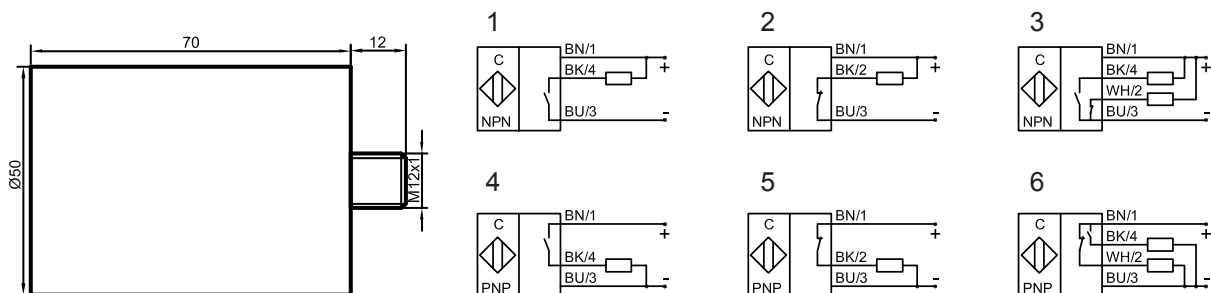
Lid

PA / PPO

Media optimized

Yes

All specifications are subject to change without notice. (22.03.2010)



**Made in Germany**