



## Capacitive Sensors

### Series 80 - PNP

Housing M 12 x 1

- Housing material: PA / PPO
- Sensing distance 0.5...5 mm adjustable
- With flange connector M 12 x 1



Certificate:



#### Technical data

Operating distance $S_n$	Flush mountable
Operating distance min. / max. adjustable	2 mm
Electrical version	0.5...5 mm
Output	4-wire DC
	Antivalent (NO + NC)

#### Type NPN

Art.-No.

Connection diagram No.

#### Type PNP

KAS-80-A12-A-K-Y3

Art.-No.

KA 0036

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

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

PA / PPO

Active surface

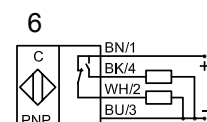
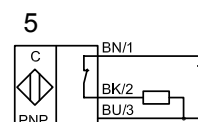
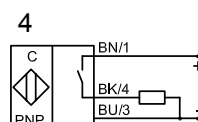
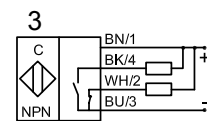
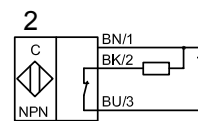
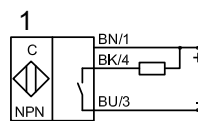
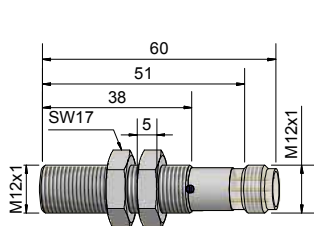
PA / PPO

Lid

PA / PPO

Media optimized

Yes



**Made in Germany**

All specifications are subject to change without notice. (24.05.2013)