



## Capacitive Sensors

### Series 80 - PNP

- Housing  $\varnothing$  30 mm
- Housing material: Stainless steel VA
- Sensing distance 2...12 mm adjustable
- Very short housing

Certificate:



#### Technical data

Flush mountable

Operating distance $S_n$	10 mm
Operating distance min. / max. adjustable	2...12 mm
Electrical version	3-wire DC
Output	Normally open (NO)

#### Type NPN

Art.-No.

Connection diagram No.

#### Type PNP

KAS-80-30/10-S

Art.-No.

KA 0003

Connection diagram No.

4

Operating voltage ( $U_B$ )

10...35 V DC

Output current max. ( $I_o$ )

250 mA

Voltage drop max. ( $U_o$ )

$\leq 2.0$  V

Permitted residual ripple max.

10 %

No-load current ( $I_o$ )

< 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

3 m, PUR, 3 x 0.14 mm<sup>2</sup>

Housing material

VA No. 1.4305

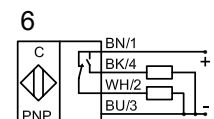
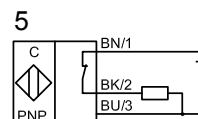
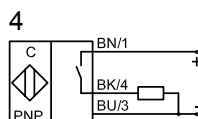
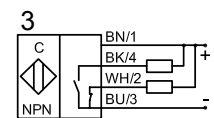
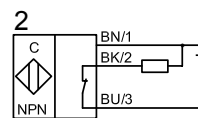
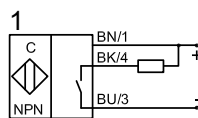
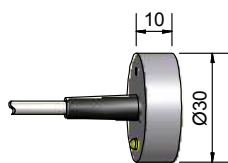
Active surface

PTFE (FDA 21 CFR 177.1550)

Lid

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All specifications are subject to change without notice. (21.01.2013)



**Made in Germany**