



## Capacitive Sensors

### Series 80 - PNP

Housing M 18 x 1

- Housing material: PTFE
- Sensing distance 2...10 mm adjustable
- With fixed sealing set



Certificate:

#### Technical data

Non-flush mountable

Operating distance  $S_n$  8 mm

Operating distance min. / max. adjustable 2...10 mm

Electrical version 3-wire DC

Output function Normally open (NO)

#### Type NPN

Art.-No.

Connection diagram No.

#### Type PNP

**KAS-80-A23-S-K-PTFE-IP68**

Art.-No.

**803 666**

Connection diagram No. 4

Operating voltage ( $U_B$ ) 12...30 V DC

Output current max. ( $I_o$ ) 200 mA

Voltage drop max. ( $U_d$ )  $\leq 2.0$  V

Permitted residual ripple max. 5 %

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 529 IP 67

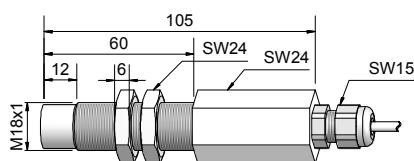
Norm EN 60947-5-2

Connection cable 2 m, PTFE, 3 x 0.22 mm<sup>2</sup>

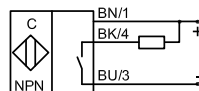
Housing material PTFE (FDA 21 CFR 177.1550)

Active surface PTFE (FDA 21 CFR 177.1550)

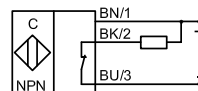
Lid PA / PPO



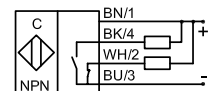
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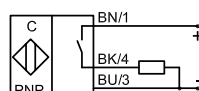
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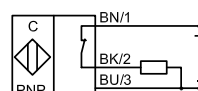
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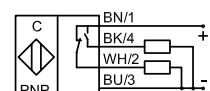
4



5



6



**Made in Germany**