



## Capacitive Sensors



### Series 80 - PNP

Housing: Tri-Clamp

- Housing material: Stainless steel VA
- Also suitable for food applications
- Sensing distance 1...40 mm adjustable
- With flange connector M 12 x 1

Certificate:



#### Technical data

Non-flush mountable

Operating distance $S_n$	25 mm
Operating distance min. / max. adjustable	1...40 mm
Electrical version	4-pin DC
Output function	Antivalent (NO + NC)

#### Type NPN

Art.-No.

Connection diagram No.

#### Type PNP

**KAS-80-34-35/95-A-PTFE/VA-Y5**

Art.-No.

**817 350**

Connection diagram No.

6

Operating voltage ( $U_B$ ) 10...35 V DC

Output current max. ( $I_o$ ) 2 x 250 mA

Voltage drop max. ( $U_o$ )  $\leq 2.0$  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 Green / yellow

Protective circuit Built-in

Degree of protection IEC 60529 IP 67

Norm EN 60947-5-2

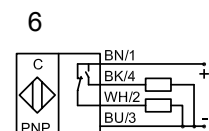
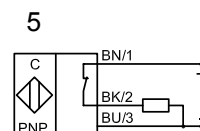
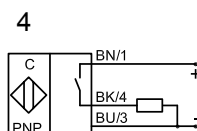
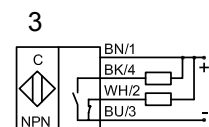
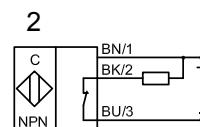
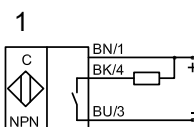
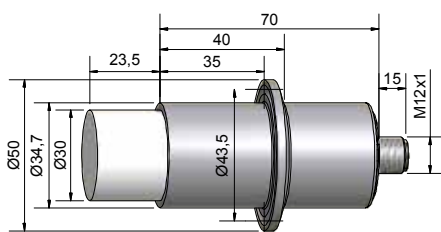
Connection cable Flange connector M 12 x 1

Housing material VA No. 1.4404

Active surface PTFE (FDA 21 CFR 177.1550)

Lid PA / PPO

Media optimized Yes



**Made in Germany**

All specifications are subject to change without notice. (21.03.2013)