



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) ≤ 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

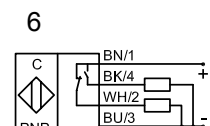
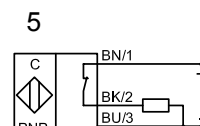
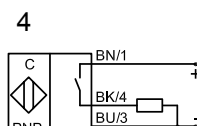
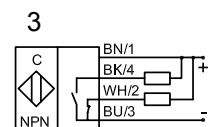
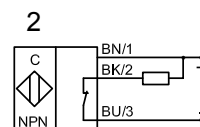
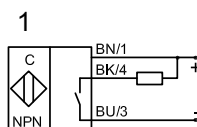
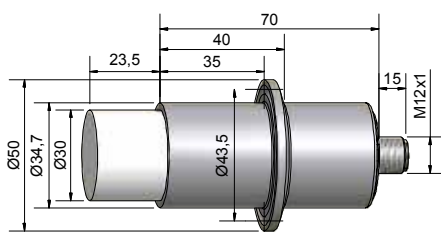
Connection cable Flange connector M 12 x 1

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)