



Capacitive Sensors

Series 80 - PNP

Special version

- Process connection: Stainless steel VA
- Sensing distance 0..15 mm adjustable
- For level control

Certificate:



Technical data

Non-flush mountable

| | |
|---|--------------------|
| Operating distance S_n | 1 mm |
| Operating distance min. / max. adjustable | 0...15 mm |
| Electrical version | 4-pin DC |
| Output | Normally open (NO) |

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-R3/8"/35-S-KL-125°C

Art.-No.

KA 0828

Connection diagram No.

See below

Operating voltage (U_B)

10...35 V DC

Output current max. (I_o)

250 mA

Load current min.

-

Voltage drop max. (U_d)

≤ 1.5 V

Permitted residual ripple max.

10 %

No-load current (I_o)

≤ 8 mA

Frequency of operating cycles max.

20 Hz

Permitted ambient temperature

-25...+125 °C

LED-display

Yellow

Protective circuit

Built-in

Degree of protection IEC 60529

IP 67

Norm

EN 60947-5-2

Connection

Screw terminals

Housing material

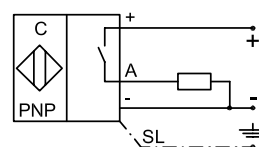
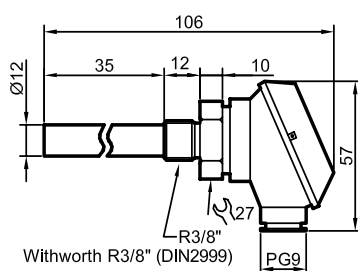
AL die-cast case

Active surface

PTFE (FDA 21 CFR 177.1550)

Process connection

VA No. 1.4305



Made in Germany

All specifications are subject to change without notice. (17.05.2010)