



Capacitive Sensors

Series 80 - PNP

Housing Triclamp

- Ideal for use in food applications
- Housing material: PTFE
- Sensing distance 1...40 mm adjustable
- With flange connector M 12 x 1

Certificate:



QuattroEtcProtect™

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-80-35-35/100-A-PTFE-Y5

Art.-No.

KA 0394

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_d)

≤ 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 529

IP 67

Norm

EN 60947-5-2

Connection

Flange connector M 12 x 1

Housing material

PTFE (FDA 21 CFR 177.1550)

Active surface

PTFE (FDA 21 CFR 177.1550)

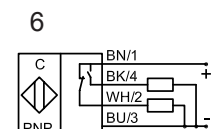
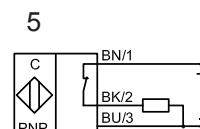
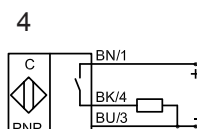
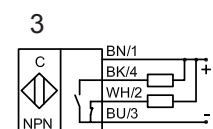
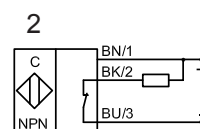
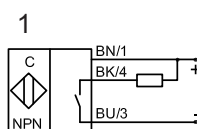
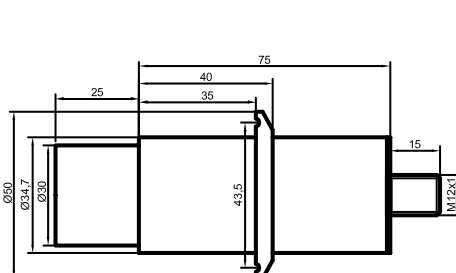
Lid

PA / PPO

Media optimized

Yes

All specifications are subject to change without notice. (19.03.2010)



Made in Germany