



Capacitive Sensors

Series 80 - PNP

Housing M 32 x 1.5

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Also suitable for food applications
- Useable for an ambient temperature up to +100 °C
- Sensing distance 1...40 mm adjustable



Certificate:



QuattroEtcProtect™

Technical data

Non-flush mountable

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

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-35-A-M32-PTFE-100°C

Art.-No.

KA 0134

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...+100 °C

LED-display Green / yellow

Protective circuit Built-in

Degree of protection IEC 60529 IP 67

Norm EN 60947-5-2

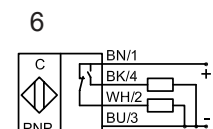
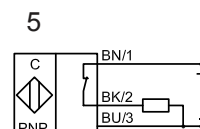
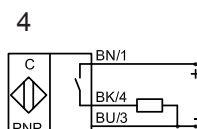
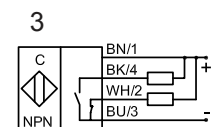
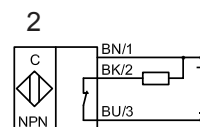
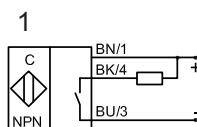
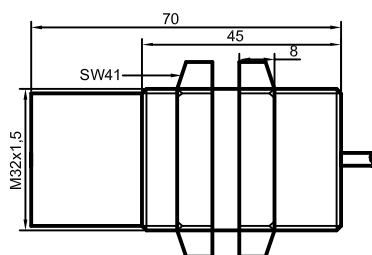
Connection cable 5 m, PVC, 4 x 0.5 mm²

Housing material PTFE (FDA 21 DFR 177.1550)

Active surface PTFE (FDA 21 DFR 177.1550)

Lid PA / PPO

Media optimized Yes



Made in Germany

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