



## 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

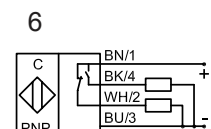
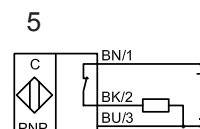
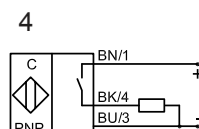
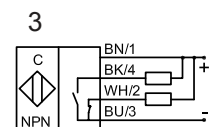
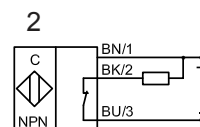
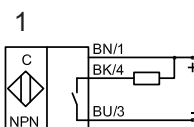
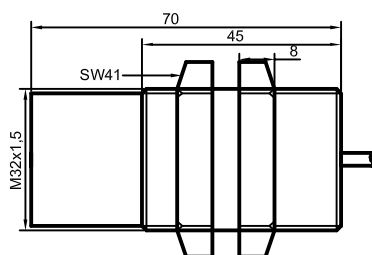
Connection cable 5 m, PVC, 4 x 0.5 mm<sup>2</sup>

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)