



## 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.

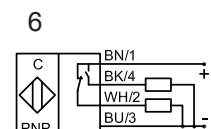
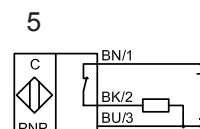
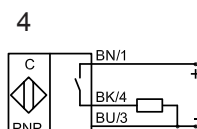
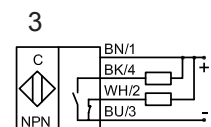
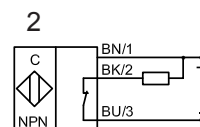
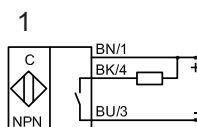
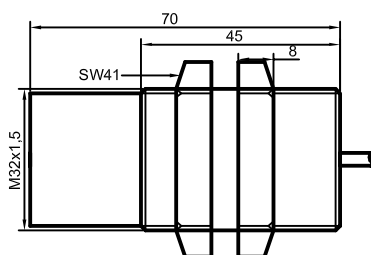
#### Type PNP

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)