



## 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
- For detection of strong adhesive and very conductive liquids
- Useable for an ambient temperature up to +100 °C
- Sensing distance 0...8 mm adjustable

Certificate:



QuattroEtcProtect™

#### Technical data

Non-flush mountable

Operating distance $S_n$	8 mm
Operating distance min. / max. adjustable	0...8 mm
Electrical version	3-wire DC
Output function	Normally open (NO)

#### Type NPN

Art.-No.

Connection diagram No.

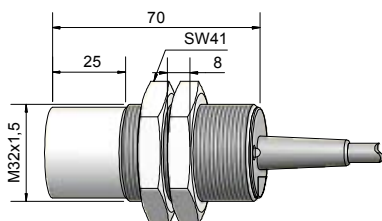
#### Type PNP

KAS-80-35-S-M32-PTFE-100°C-G

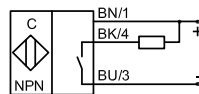
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KA 0009

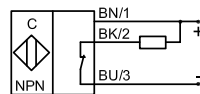
Connection diagram No.	4
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_e$ )	250 mA
Voltage drop max. ( $U_o$ )	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+100 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	5 m, Silicone, 3 x 0.75 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



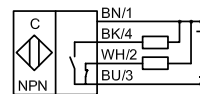
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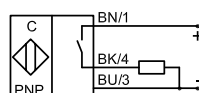
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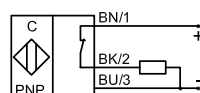
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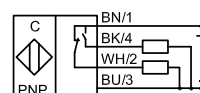
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Made in Germany