



## Capacitive Sensors

### Series 80 - PNP

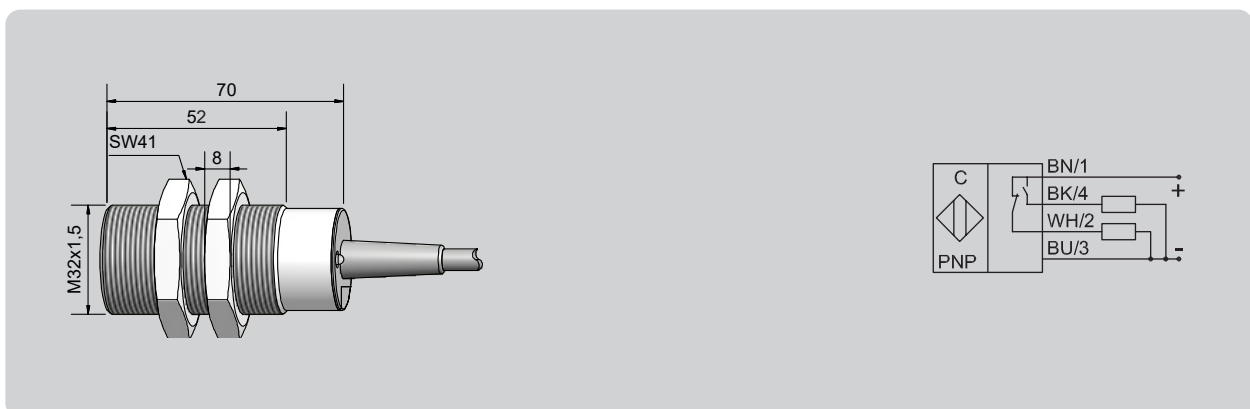
Housing M 32 x 1.5

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Also suitable for food applications
- Sensing distance 0.5...30 mm adjustable
- Option: Total chemical resistance is given when ordering the sensor with PTFE- protection set Art.-No. 196301



<b>Technical data</b>	Flush mountable
Operating distance $S_n$	20 mm
Operating distance min. / max. adjustable	0.5...30 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)
<b>Type PNP</b>	<b>KAS-80-30-A-M32-PTFE-Z05-1-HP</b>
<b>Art.-No.</b>	<b>815 832</b>
Operating voltage ( $U_b$ )	10...35 V DC
Operating current ( $I_e$ )	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.	200 Hz
Permitted ambient temperature	-25...+70 °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, PTFE, 4 x 0.22 mm <sup>2</sup>
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)
Media optimized	Yes
Accessories (included in delivery)	2 nuts M 32 x 1.5

All specifications are subject to change without notice. (07.03.2022)



**Made in Germany**