



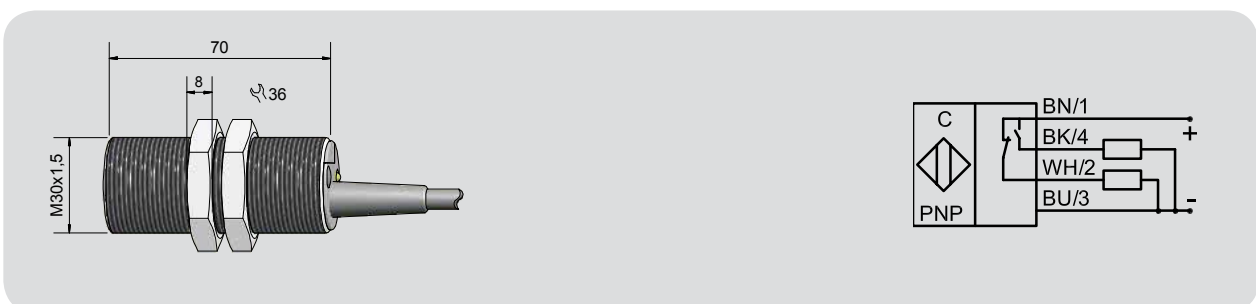
## Capacitive Sensors Series 80 - PNP

Housing M 30 x 1,5

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Sensing distance 0,5...25 mm adjustable
- Option: Total chemical resistance is given when ordering the sensor with PTFE cable and PTFE protection set Art.-No. 196302



<b>Technical data</b>	Flush mountable
Operating distance $S_n$	10 mm
Operating distance min. / max. adjustable	0,5...25 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)
<b>Type PNP</b>	<b>KAS-80-A14-A-M30-PTFE-100C-Z02-1-HP</b>
<b>Art.-No.</b>	<b>KA 0049</b>
Operating voltage ( $U_B$ )	10...35 V DC
Voltage drop max. ( $U_d$ )	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current ( $I_e$ )	2 x 0...250 mA
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	200 Hz
Permitted ambient temperature	-25...+100 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67*
Norm	EN 60947-5-2
Connection cable	2 m, PVC, 4 x 0.5 mm <sup>2</sup>
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes
<b>Accessories</b> (delivered with the sensor)	2 nuts M 30 x 1,5



\* With sealed potentiometer screw

**Made in Germany**

All specifications are subject to change without notice. (29.05.2019)