



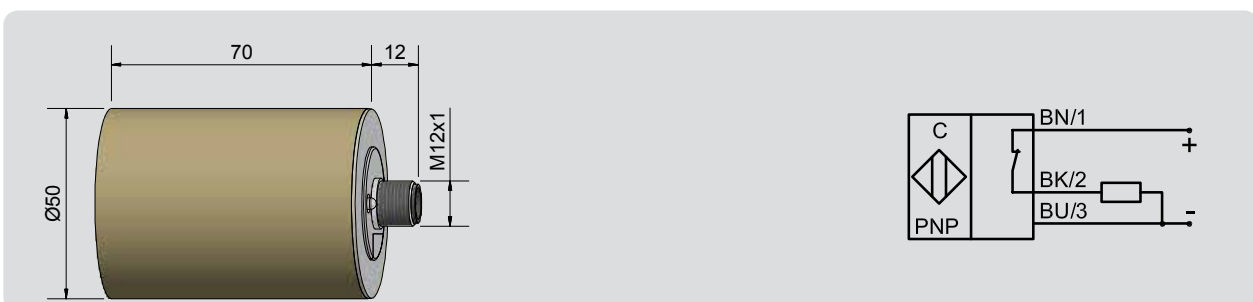
## Capacitive Sensors Series 80 - PNP

- Housing Ø 50 mm
- Housing material: PEEK
  - Sensing distance 1...50 mm adjustable
  - With flange connector M 12 x 1



<b>Technical data</b>	Flush mountable
Operating distance $S_n$	30 mm
Operating distance min. / max. adjustable	1...50 mm
Electrical version	3-pin DC
Output	Normally closed
<b>Type PNP</b>	<b>KAS-80-50-Ö-D50-PEEK-Y5-1-HP</b>
<b>Art.-No.</b>	<b>827 381</b>
Operating voltage ( $U_B$ )	10...35 V DC
Operating current ( $I_o$ )	0...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.	100 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	Flange connector M 12 x 1 (A-coded)
Housing material	PEEK (FDA 21 CFR 177.2415)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PA / PPO
Media optimized	Yes
Matching connectors (not delivered with the sensor)	#193391, #193392

All specifications are subject to change without notice. (18.02.2020)



**Made in Germany**