



Capacitive Sensors Series 80 - PNP

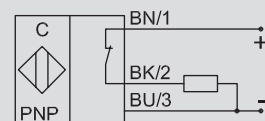
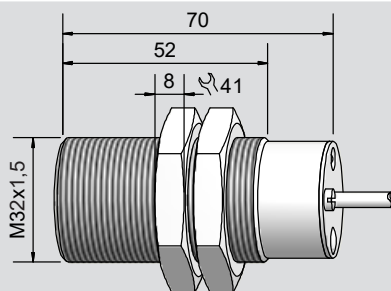
Housing M 32 x 1.5

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Ideal for use in food applications
- Sensing distance 0.5...30 mm adjustable
- Full chemical resistance is possible with protection set (#196301)



Technical data	Flush mountable
Operating distance S_n	20 mm
Operating distance min. / max. adjustable	0.5...30 mm
Electrical version	3-wire DC
Output	Normally closed
Type PNP	KAS-80-30-Ö-M32-PTFE-Z05-1-HP
Art.-No.	KA 0004
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)	0...250 mA
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	50 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, 3 x 0.34 mm ²
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 (delivered with the sensor)	2 nuts M 32 x 1.5
Accessories (not delivered with the sensor)	Protection set (#196301)

All specifications are subject to change without notice. (05.10.2021)



Made in Germany