



Capacitive Sensors

Series 80 - PNP

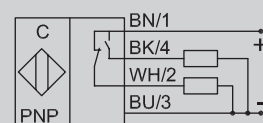
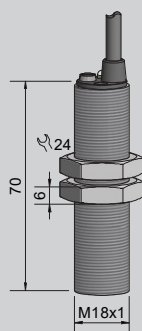
Housing M 18 x 1

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Also suitable for food applications
- Sensing distance 0.5...10 mm adjustable



Technical data	Flush mountable
Operating distance S_n	5 mm
Operating distance min./max. adjustable	0.5...10 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)
Type PNP	KAS-80-A13-A-M18-PTFE-Z05-1-HP
Art.-No.	KA 0459
Operating voltage (U_b)	10...35 V DC
Operating current (I_b)	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.	300 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 ²
Housing material	PTFE (FDA 21 DFR 177.1550)
Active surface	PTFE (FDA 21 DFR 177.1550)
Lid	PTFE (FDA 21 DFR 177.1550)
Media optimized	Yes
Accessories (included in delivery)	2 nuts M 18 x 1

* with sealed potentiometer screw



Made in Germany