



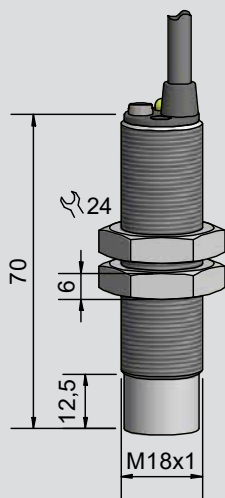
Capacitive Sensors

Series 80 - PNP

Article number: KA0614

Description: KAS-80-A23-A-M18-PTFE-100C-Z05-1

- Capacitive sensor for level and position control
- Housing material: PTFE (FDA 21 CFR 177.1550)
- Sensing distance 1...10 mm adjustable
- Usable for an ambient temperature up to +100 °C
- Ideal for detection of chemically aggressive media
- Suitable for food and pharmaceutical applications



Technical data

Mounting	Non-flush mountable
Operating distance S_n	8 mm
Operating distance min. / max. adjustable	1...10 mm
Sensitivity adjustment	Potentiometer
Output function	PNP, antivalent
Operating voltage (U_B)	12...30 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Operating current (I_o)	2 x 0...200 mA
No-load current (I_o)	< 15 mA
Permitted residual ripple max.	5 %
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+100 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67 (with sealed potentiometer screw)
Norm	EN 60947-5-2
Connection	Cable, 5 m, PVC, 4 x 0.34 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA
Housing size / Process connection	M 18 x 1
Torque	0.5 Nm
MTTF (average operating time until failure)	537.62 years
Accessories (included in delivery)	2 nuts M 18 x 1
Made in Germany	

