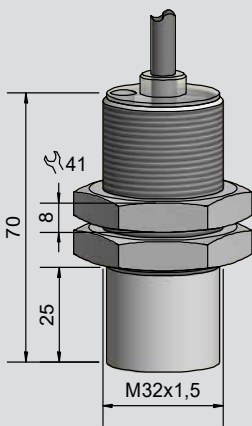




Capacitive Sensors
Series 80 - PNP
Article number: KA0009
Description: KAS-80-35-S-M32-PTFE-G-100C-Z05-1

- Capacitive sensor for level and position control
- Housing material: PTFE
- Sensing distance 0...8 mm adjustable
- For extremely adhesive and conductive liquids



Technical data

Mounting	Non-flush mountable
Operating distance S_n	8 mm
Operating distance min. / max. adjustable	0...8 mm
Sensitivity adjustment	Potentiometer
Output function	PNP, normally open
Operating voltage (U_B)	12...30 V DC
Output current max. (I_o)	0...200 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	5 %
No-load current (I_o)	< 15 mA
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, Silicone, 3 x 0.75 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.2450)
Housing size / Process connection	M 32 x 1.5
MTTF (average operating time until failure)	786.6 years
Accessories (included in delivery)	2 nuts M 32 x 1.5
Made in Germany	

