



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
- Option: Total chemical resistance is given when ordering the sensor with PTFE cable and PTFE - protection set Art.-No. 196301



Technical data	Flush mountable
Operating distance S_n	20 mm
Operating distance min. / max. adjustable	0.5...30 mm
Electrical version	4-wire DC
Output	Antivalent (NO + NC)
Type PNP	KAS-80-30-A-K-M32-PTFE
Art.-No.	KA 0179
Operating voltage (U_B)	10...35 V DC
Operating current (I_o)	2 x 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.	200 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow / green
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	5 m, PVC, 4 x 0.5 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)



Made in Germany