



Capacitive Sensors Series 80 - PNP

Housing M 30 x 1,5

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Sensing distance 0,5...25 mm adjustable
- Option: Total chemical resistance is given when ordering the sensor with PTFE cable and PTFE protection set Art.-No. 196302
- Leakage control
- Overfill prevention



Technical data	Flush mountable
Operating distance S_n	10 mm
Operating distance min. / max. adjustable	0,5...25 mm
Electrical version	4-wire DC
Output function	Antivalent
Type PNP	KAS-80-A14-A-M30-PTFE-Z05-1-HP
Art.-No.	KA 0161
Operating voltage (U_B)	10...35 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_o)	2 x 0...250 mA
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	200 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	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	PTFE (FDA 21 CFR 177.1550)
Media optimized	Yes
Accessories (delivered with the sensor)	2 nuts M 30 x 1,5

All specifications are subject to change without notice. (29.11.2021)



* With sealed potentiometer screw

Made in Germany