



Capacitive Sensors

Series 80 - PNP

Housing $\varnothing = 30$ mm

- Housing material: PTFE
- Flush mountable
- Sensing distance 0.5...30 mm adjustable
- Ideal for use in food applications
- With flange connector M12 x 1

Certificate:

Technical data

Operating distance S_n [mm], flush mounting	20, yes
Operating distance min./max. [mm] adjustable	0.5...30
Electrical version	4-pin DC
Output	antivalent
Type NPN	
Art.-No.	
Connection diagram No.	

Type PNP	KAS-80-30-A-K-PTFE-Y5
Art.-No.	KA 0318
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_B)	2 x 250 mA
Load current min.	-
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_0)	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
Connection	flange connector M12 x 1
Housing material	PTFE
Active surface	PTFE
Lid	PA/PPO

All specifications are subject to change without notice. (12-04-2006)

