



## Capacitive Sensors

### Series 80 - PNP

#### Housing M12 x 1

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Also suitable for food applications
- Non-flush mountable
- Sensing distance 0.5...10 mm adjustable
- With flange connector M12 x 1

Certificate:

#### Technical data

Operating distance $S_n$ [mm], flush mounting	4, no
Operating distance min./max. [mm] adjustable	0.5...10
Electrical version	4-pin DC
Output	antivalent
<b>Type NPN</b>	
<b>Art.-No.</b>	
<b>Connection diagram No.</b>	

<b>Type PNP</b>	<b>KAS-80-A22-A-K-PTFE-Y5</b>
<b>Art.-No.</b>	<b>KA 0247</b>
<b>Connection diagram No.</b>	<b>6</b>
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.	50 Hz
Permitted ambient temperature	-25...+70°C
LED-display	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	-

All specifications are subject to change without notice. (24-02-2006)

