



## Capacitive Sensors

### Series 80 - PNP

Housing  $\varnothing$  26 mm / 22 mm

- Housing material: PTFE
- SIP / CIP 121 °C
- Useable for an ambient temperature up to +100 °C
- Ideal of detection of chemically aggressive media
- Suitable for foods and pharmaceutical applications
- With flange connector M 12 x 1



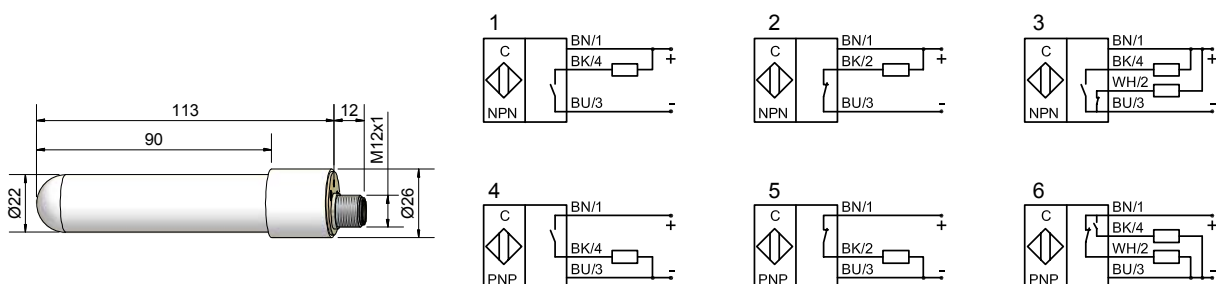
Certificate:



#### Technical data

Operating distance $S_n$	Non-flush mountable 5 mm
Operating distance min. / max. adjustable	0...20 mm
Electrical version	4-pin DC
Output	Antivalent (NO + NC)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	<b>KAS-80-26/22-A-PTFE-100°C-Y5</b>
<b>Art.-No.</b>	<b>KA 0450</b>
Connection diagram No.	6
Operating voltage ( $U_b$ )	10...35 V DC
Output current max. ( $I_o$ )	2 x 250 mA
Voltage drop max. ( $U_o$ )	$\leq 2.0$ V
Permitted residual ripple max.	10 %
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+100 °C / CIP 121 °C (zero-current)
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PEEK (FDA 21 CFR 177.2415)

\* With sealed potentiometer screw



**Made in Germany**

All specifications are subject to change without notice. (22.08.2011)