



## Capacitive Sensors



### Series 80 - PNP

#### Housing M30 x 1.5

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Also suitable for food applications
- Flush mountable
- 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.-Nr. 196302

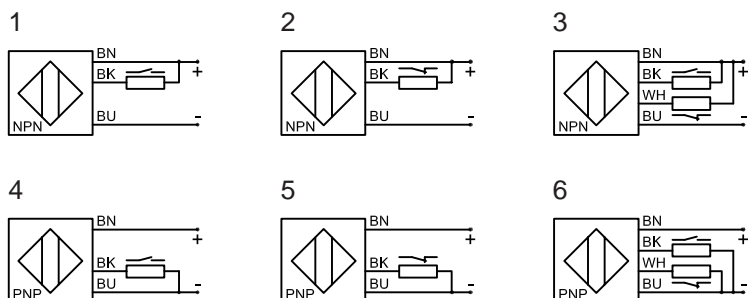
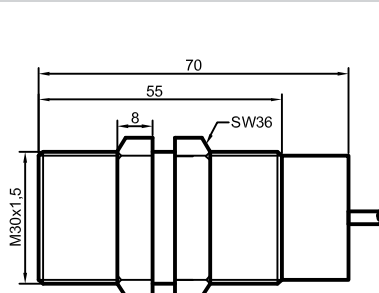
Zulassungen:



#### Technical data

Operating distance $S_n$ [mm], flush mounting	10, yes
Operating distance min./max. [mm] adjustable	0.5...25
Electrical version	4-wire DC
Output	antivalent
<b>Type NPN</b>	
<b>Art.-No.</b>	
<b>Connection diagram No.</b>	

<b>Type PNP</b>	<b>KAS-80-A14-A-K-PTFE</b>
<b>Art.-No.</b>	<b>805 620</b>
<b>Connection diagram No.</b>	<b>6</b>
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_o$ )	2 x 250 mA
Load current min.	-
Voltage drop max. ( $U_d$ )	$\leq 2.0$ 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	green/yellow
Protective circuit	built-in
Degree of protection IEC 529	IP 67
Connection cable	2 m 4 x 0.5 mm <sup>2</sup>
Housing material	PTFE
Active surface	PTFE
Lid	PA



All specifications are subject to change without notice. (05/2004)