



## Capacitive Sensors

### Series 80 - PNP

#### Special version

- Process connection: stainless steel VA
- Non-flush mountable
- Sensing distance 0...15 mm adjustable
- For level control

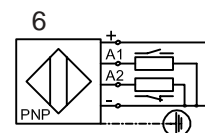
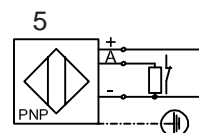
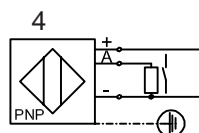
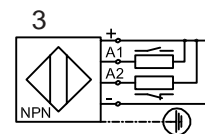
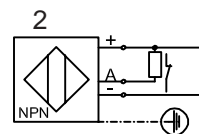
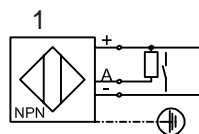
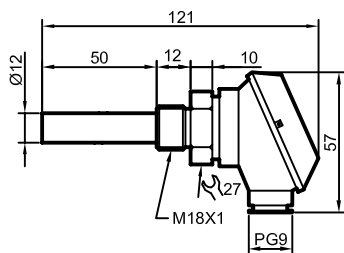
Certificate:



#### Technical data

Operating distance $S_n$ [mm], flush mounting	1, no	1, no
Operating distance min./max. [mm] adjustable	0...15	0...15
Electrical version	4-pin DC	4-pin DC
Output	NO	NC
<b>Type NPN</b>		
<b>Art.-No.</b>		
<b>Connection diagram No.</b>		

Type PNP	KAS-80-M18/50-S-KL-125°C	KAS-80-M18/50-Ö-KL-125°C
Art.-No.	833 740	833 760
Connection diagram No.	4	5
Operating voltage ( $U_B$ )	10...35 V DC	10...35 V DC
Output current max. ( $I_o$ )	250 mA	250 mA
Load current min.	-	-
Voltage drop max. ( $U_d$ )	$\leq 1.5$ V	$\leq 1.5$ V
Permitted residual ripple max.	10 %	10 %
No-load current ( $I_o$ )	$\leq 8$ mA	$\leq 8$ mA
Frequency of operating cycles max.	20 Hz	20 Hz
Permitted ambient temperature	-25...+125°C	-25...+125°C
LED-display	yellow	yellow
Protective circuit	built-in	built-in
Degree of protection IEC 529	IP 67	IP 67
Connection	clamp terminals	clamp terminals
Housing material	AL die-cast case	AL die-cast case
Active surface	PTFE	PTFE
Mounting thread	VA No. 1.4305	VA No. 1.4305



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