



Capacitive Sensors

Series 80 - PNP

Special version

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

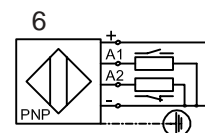
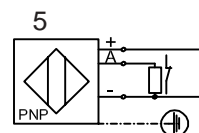
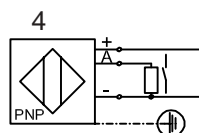
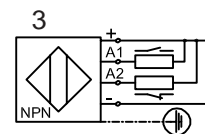
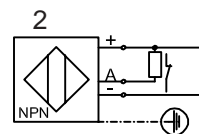
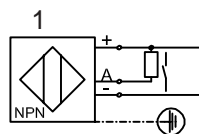
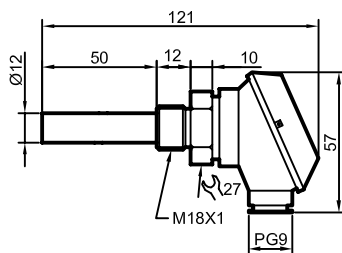
Certificate:



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
Type NPN		
Art.-No.		
Connection diagram No.		

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)	≤ 1.5 V	≤ 1.5 V
Permitted residual ripple max.	10 %	10 %
No-load current (I_o)	≤ 8 mA	≤ 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)