



Capacitive Sensors

Series 80 - PNP

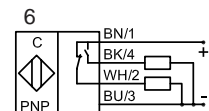
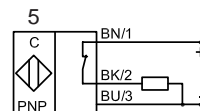
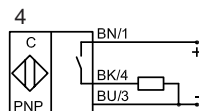
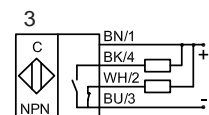
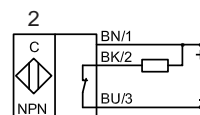
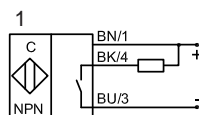
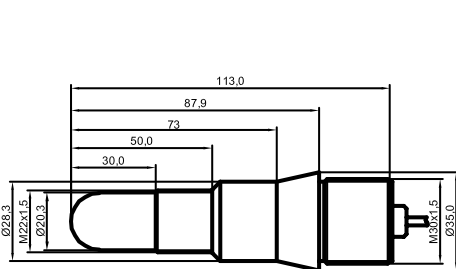
Housing M 22 x 1.5 / M 30 x 1.5

- Housing material PTFE
- SIP / CIP 121° C
- Ideal of detection of chemically aggressive media
- Suitable for foods and pharmaceutical applications
- Option: Total chemical resistance is given when ordering the sensor with PTFE cable and PTFE - protection set Art.-No. 196302

Certificate:



Technical data	Non-flush mountable
Operating distance S_n	5 mm
Operating distance min./max. adjustable	0...20 mm
Electrical version	4-wire DC
Output	Antivalent (NO + NC)
Type NPN	
Art.-No.	
Connection diagram No..	
Type PNP	KAS-80-26-A-M22-M30-PTFE
Art.-No.	KA 0431
Connection diagram No.	6
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)	≤ 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...+70° 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 cable	3 m, PVC, 4 x 0.5 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)



Made in Germany