



Capacitive Sensors

Series 80 - PNP



Housing $\varnothing = 26 \text{ mm} / 1'' / 40 \text{ mm}$

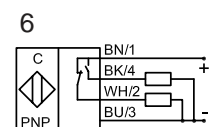
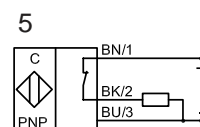
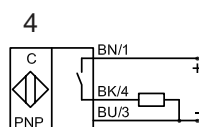
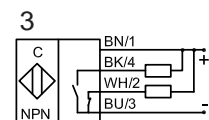
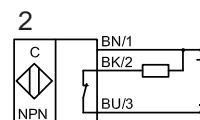
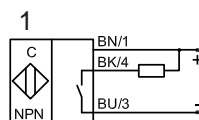
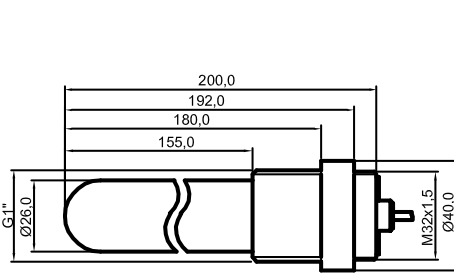
- Housing material PTFE
- SIP / CIP 121° C
- Ideal of detection of chemically aggressive media
- Suitable for foods and pharmaceutical applications
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)

Certificate:



Technical data

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-200-PTFE-1''
Art.-No.	KA 0423
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)	$\leq 2.0 \text{ V}$
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	5 m, PTFE, 4 x 0.22 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

All specifications are subject to change without notice. (03.02.2009)