



Capacitive Sensors

Series 80 - PNP



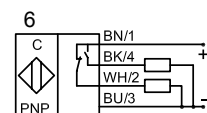
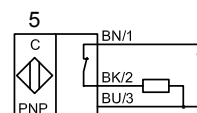
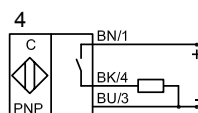
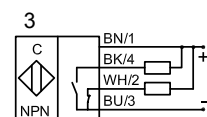
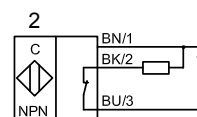
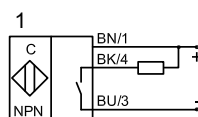
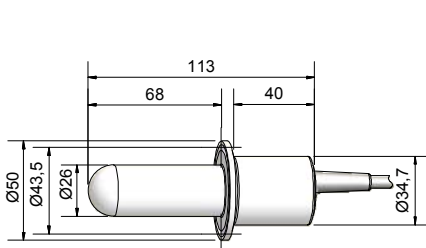
Housing Ø 26 mm / Triclamp

- Housing material: PTFE
- Useable for an ambient temperature up to +100 °C
- SIP / CIP 121 °C
- Ideal of detection of chemically aggressive media
- Suitable for foods and pharmaceutical applications
- With Triclamp process connection

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	KAS-70-26-A-PTFE-Tri-100°C
Art.-No.	KA 1025
Connection diagram No.	3
Type PNP	KAS-80-26-A-PTFE-Tri-100°C
Art.-No.	KA 0415
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...+100 °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	2 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	PA



Made in Germany

All specifications are subject to change without notice. (06.05.2011)