



Capacitive Sensors

Series 70 - NPN

Series 80 - PNP

Housing M 22 x 1.5

- Housing material: PTFE
- Useable for an ambient temperature up to +100 °C
- Sensing distance 0.5...20 mm adjustable
- Ideal for detection of chemically aggressive media
- Suitable for food applications

Certificate:



Technical data

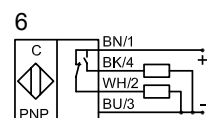
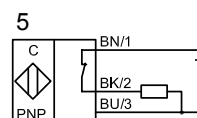
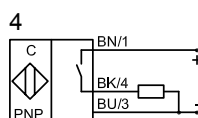
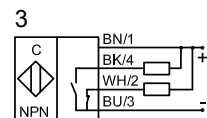
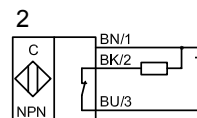
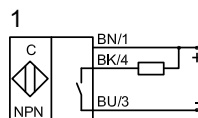
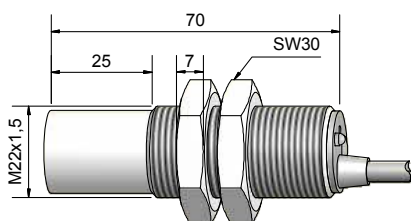
Non-flush mountable

Operating distance S_n	12 mm
Operating distance min. / max. adjustable	0.5...20 mm
Electrical version	4-wire DC
Output function	Antivalent
Type NPN	KAS-70-23-A-M22-PTFE-100°C
Art.-No.	712 910
Connection diagram No.	3
Type PNP	KAS-80-23-A-M22-PTFE-100°C
Art.-No.	812 910
Connection diagram No.	6
Operating voltage (U_b)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
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
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 0.34 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO

Accessories (is delivered with the unit)

2 pieces nuts M 22

* With sealed potentiometer screw



Made in Germany

All specifications are subject to change without notice. (06/2014)