



Capacitive Sensors

Series 70 - NPN
Series 80 - PNP

Housing M 18 x 1

- Housing material: PA / PPO
- Sensing distance 1...8 mm adjustable

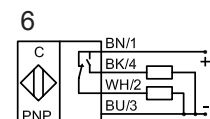
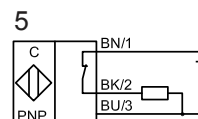
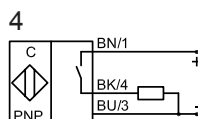
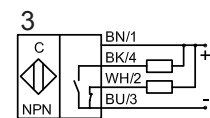
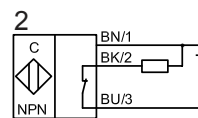
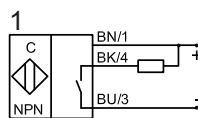
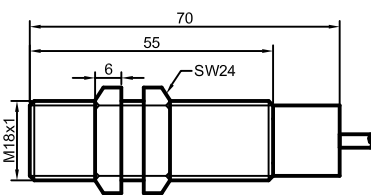
Certificate:



Technical data

Technical data	Flush mountable
Operating distance S_n	5 mm
Operating distance min. / max. adjustable	1...8 mm
Electrical version	4-wire DC
Output	Antivalent (NO + NC)
Type NPN	KAS-70-A13-A-K-NL
Art.-No.	KA 0804
Connection diagram No..	3
Type PNP	KAS-80-A13-A-K-NL
Art.-No.	KA 0805
Connection diagram No.	6
Operating voltage (U_B)	12...30 V DC
Output current max. (I_o)	2 x 200 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	5 %
No-load current (I_o)	< 15 mA
Frequency of operating cycles max.	200 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection	5 m, PVC, 4 x 0.34 mm ²
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO

All specifications are subject to change without notice. (31.03.2010)



Made in Germany