



Capacitive Sensors
Series 70 - NPN
Series 80 - PNP



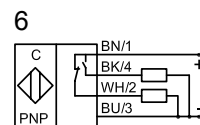
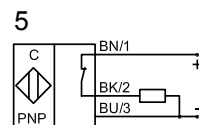
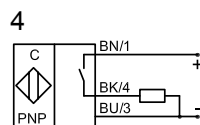
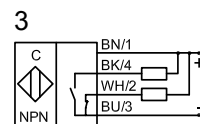
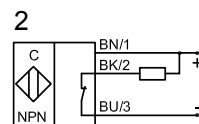
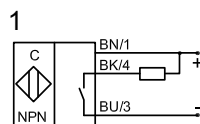
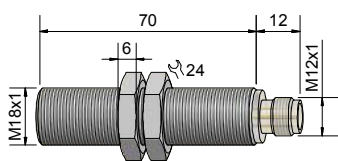
- Housing M 18 x 1
- Housing material: PA / PPO
 - Sensing distance 1...8 mm adjustable
 - With flange connector M 12 x 1

Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance S_n	5 mm	5 mm
Operating distance min. / max. adjustable	1...8 mm	1...8 mm
Electrical version	3-pin DC	4-pin DC
Output	Normally open (NO)	Antivalent (NO + NC)
Type NPN	KAS-70-A13-S-K-Y3-NL	KAS-70-A13-A-K-Y3-NL
Art.-No.	KA 0609	KA 1096
Connection diagram No.	1	3
Type PNP		KAS-80-A13-A-K-Y3-NL
Art.-No.		KA 0607
Connection diagram No.		6
Operating voltage (U_B)	12...30 V DC	12...30 V DC
Output current max. (I_o)	200 mA	2 x 200 mA
Voltage drop max. (U_d)	≤ 2.0 V	≤ 2.0 V
Permitted residual ripple max.	5 %	5 %
No-load current (I_o)	< 15 mA	< 15 mA
Frequency of operating cycles max.	200 Hz	200 Hz
Permitted ambient temperature	-25...+70 °C	-25...+70 °C
LED-display	Yellow	Yellow
Protective circuit	Built-in	Built-in
Degree of protection IEC 60529	IP 67	IP 67
Norm	EN 60947-5-2	EN 60947-5-2
Connection	Flange connector M 12 x 1	Flange connector M 12 x 1
Housing material	PA / PPO	PA / PPO
Active surface	PA / PPO	PA / PPO
Lid	-	-

All specifications are subject to change without notice. (05.08.2011)



Made in Germany