



Capacitive Sensors
Series 70 - NPN
Series 80 - PNP

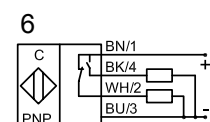
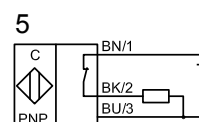
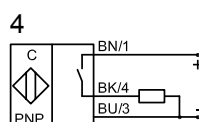
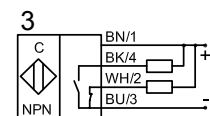
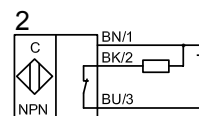
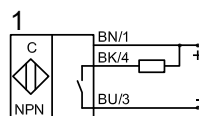
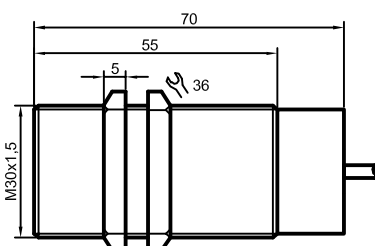
- Housing M 30 x 1.5
- Housing material: Brass
- Sensing distance 2...20 mm adjustable

Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance S_n	10 mm	10 mm
Operating distance min. / max. adjustable	2...20 mm	2...20 mm
Electrical version	3-wire DC	4-wire DC
Output	Normally open (NO)	Antivalent
Type NPN	KAS-70-A14-S-NL	KAS-70-A14-A-NL
Art.-No.	KA 0664	KA 0719
Connection diagram No.	1	3
Type PNP	KAS-80-A14-S-NL	KAS-80-A14-A-NL
Art.-No.	KA 0663	KA 0665
Connection diagram No.	4	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.	150 Hz	150 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	2 m, PVC, 3 x 0.75 mm ²	2 m, PVC, 4 x 0.5 mm ²
Housing material	Brass	Brass
Active surface	PA / PPO	PA / PPO
Lid	PA / PPO	PA / PPO

All specifications are subject to change without notice. (01.02.2010)



Made in Germany