



Capacitive Sensors
Series 70 - NPN
Series 80 - PNP

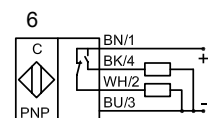
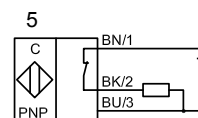
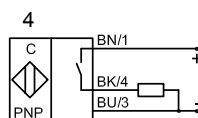
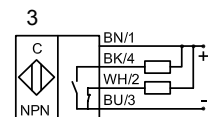
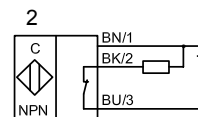
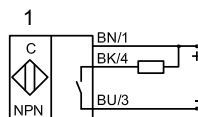
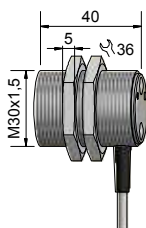
- Housing M 30 x 1.5
 • Housing material: PPO
 • Sensing distance 0.5...25 mm adjustable



Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance S_n	10 mm	10 mm
Operating distance min. / max. adjustable	0.5...25 mm	0.5...25 mm
Electrical version	3-wire DC	4-wire DC
Output	Normally open (NO)	Antivalent (NO + NC)
Type NPN		KAS-70-A14/40-A-K-NL
Art.-No.		KA 0832
Connection diagram No.		3
Type PNP	KAS-80-A14/40-S-K-NL	KAS-80-A14/40-A-K-NL
Art.-No.	KA 0932	KA 0901
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_o)	≤ 2.0 V	≤ 2.0 V
Permitted residual ripple max.	5 %	5 %
No-load current (I_o)	Typ. 15 mA	Typ. 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 cable	2 m, PUR, 3 x 0.14 mm ²	2 m, PUR, 4 x 0.14 mm ²
Housing material	PPO	PPO
Active surface	PPO	PPO
Lid	PA / PPO	PA / PPO



Made in Germany

All specifications are subject to change without notice. (05.10.2011)