



Capacitive Sensors
Series 70 - NPN
Series 80 - PNP

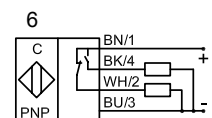
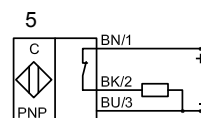
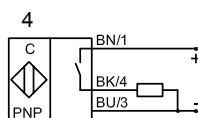
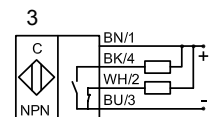
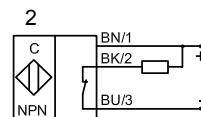
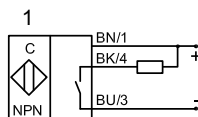
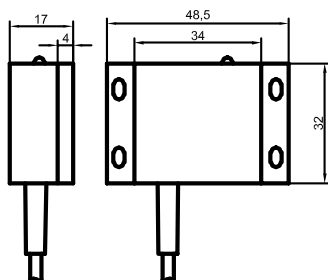
- Housing 48.5 x 32 mm
- Housing material: PVC
 - Sensing distance 0...17 mm adjustable
 - For the detection of conductive liquids through container walls or bypass tubes

Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance S_n	15 mm	15 mm
Operating distance min. / max. adjustable	0...17 mm	0...17 mm
Electrical version	3-wire DC	3-wire DC
Output	Normally open (NO)	Normally closed (NC)
Type NPN	KAS-70-C15-S-HC-MINI	KAS-70-C15-Ö-HC-MINI
Art.-No.	KA 9295	KA 9296
Connection diagram No..	1	2
Type PNP	KAS-80-C15-S-HC-MINI	KAS-80-C15-Ö-HC-MINI
Art.-No.	KA 9195	KA 9196
Connection diagram No.	4	5
Operating voltage (U_B)	10...30 V DC	10...30 V DC
Output current max. (I_o)	200 mA	200 mA
Voltage drop max. (U_d)	≤ 2.0 V	≤ 2.0 V
Permitted residual ripple max.	10 %	10 %
No-load current (I_o)	Typ. 12 mA	Typ. 12 mA
Frequency of operating cycles max.	50 Hz	50 Hz
Permitted ambient temperature	-25...+70 °C	-25...+70 °C
LED-display	Green / yellow	Green / 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, 3 x 0.14 mm ²	2 m, 3 x 0.14 mm ²
Housing material	PVC	PVC
Active surface	PVC	PVC
Lid	PVC	PVC

All specifications are subject to change without notice. (10.12.2009)



Made in Korea