



Capacitive Sensors

Series 70 - NPN
Series 80 - PNP



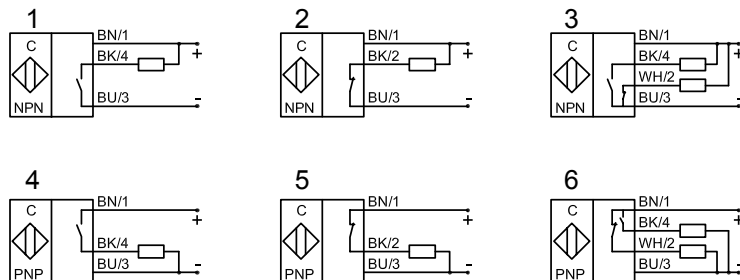
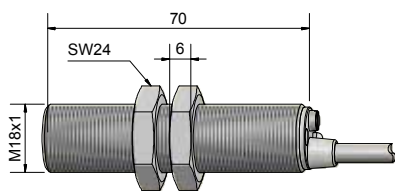
- Housing M 18 x 1
- Housing material: PA / PPO
 - Sensing distance 0.5...10 mm adjustable

Certificate:



Technical data	Flush mountable
Operating distance S_n	5 mm
Operating distance min. / max. adjustable	0.5...10 mm
Electrical version	4-wire DC
Output function	Antivalent
Type NPN	KAS-70-A13-A-K
Art.-No.	701 000
Connection diagram No.	3
Type PNP	KAS-80-A13-A-K
Art.-No.	801 000
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	300 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection cable	2 m PVC, 4 x 0.34 mm ²
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO
Media optimized	Yes
Accessories (is delivered with the sensor)	2 pieces nuts M 18

* With sealed potentiometer screw



All specifications are subject to change without notice. (06/2014)