



Capacitive Sensors

Series 70 - NPN
Series 80 - PNP



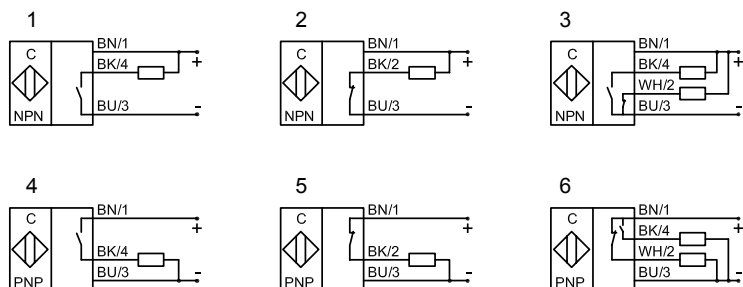
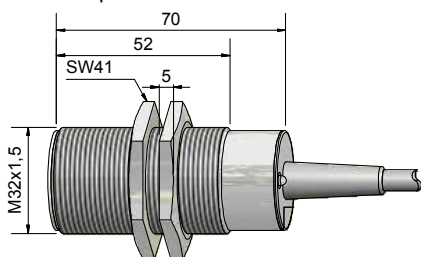
- Housing M 32 x 1.5
- Housing material: Brass
 - Sensing distance 0.5...30 mm adjustable

Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance S_n	20 mm	20 mm
Operating distance min. / max. adjustable	0.5...30 mm	0.5...30 mm
Electrical version	3-wire DC	4-wire DC
Output function	Normally open	Antivalent
Type NPN	KAS-70-30-S-M32	KAS-70-30-A-M32
Art.-No.	716 200	715 800
Connection diagram No.	1	3
Type PNP	KAS-80-30-S-M32	KAS-80-30-A-M32
Art.-No.	816 200	815 800
Connection diagram No.	4	6
Operating voltage (U_b)	10...35 V DC	10...35 V DC
Output current max. (I_o)	250 mA	2 x 250 mA
Voltage drop max. (U_d)	≤ 2.0 V	≤ 2.0 V
Permitted residual ripple max.	10%	10%
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	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, PVC, 3 x 0.75 mm ²	2 m, PVC, 4 x 0.5 mm ²
Housing material	Brass	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO	PA / PPO
Media optimized	Yes	Yes
Accessories (is delivered with the sensor)	2 pieces nuts M 32	2 pieces nuts M 32

* With sealed potentiometer screw



Made in Germany

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