



## Capacitive Sensors Series 90 - AC/DC

Housing M 18 x 1

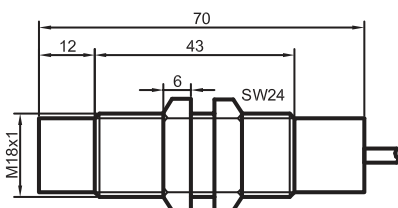
- Housing material PPO
- Sensing distance 1...10 mm adjustable

Certificate:

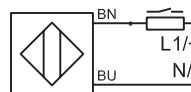


Technical data	Non-flush mountable	Non-flush mountable
Operating distance $S_n$	8 mm	8 mm
Operating distance min./max. adjustable	1...10 mm	1...10 mm
Electrical version	2-wire AC/DC	2-wire AC/DC
Output	Normally open (NO)	Normally closed (NC)
Type	KAS-90-A23-S-NL	KAS-90-A23-Ö-NL
Art.-No.	KA 0605	KA 0606
Connection diagram No..	1	2
Operating voltage ( $U_B$ )	20...250 V AC/DC	20...250 V AC/DC
Output current max. ( $I_o$ )	250 mA	250 mA
Load current min.	5 mA	5 mA
Voltage drop max. ( $U_d$ )	$\leq 6.0$ V	$\leq 6.0$ V
Permitted residual ripple max.	-	-
No-load current ( $I_o$ )	$< 2,5$ mA	$< 2,5$ mA
Frequency of operating cycles max.	25 Hz	25 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, 2 x 0.34 mm <sup>2</sup>	2 m, PVC, 2 x 0.34 mm <sup>2</sup>
Housing material	PPO	PPO
Active surface	PPO	PPO
Lid	PA/PPO	PA/PPO

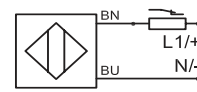
All specifications are subject to change without notice. (11.05.2007)



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**Made in Germany**