



Capacitive Sensors

Series 90 - AC / DC

Housing M 30 x 1.5

- Housing material: PA / PPO
- Sensing distance 2...20 mm adjustable

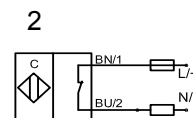
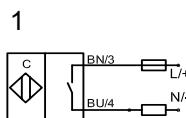
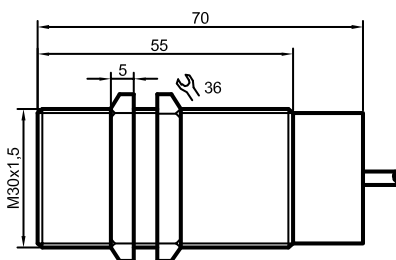


Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance S_n	10 mm	10 mm
Operating distance min. / max. adjustable	2...20 mm	2...20 mm
Electrical version	2-wire AC / DC	2-wire AC / DC
Output	Normally open (NO)	Normally closed (NC)
Type AC / DC	KAS-90-A14-S-NL	KAS-90-A14-Ö-NL
Art.-No.	KA 0603	KA 0641
Connection diagram No.	1	2
Operating voltage (U_B)	20...250 V AC / DC	20...250 V AC / DC
Output current max. (I_o)	330 mA	330 mA
Load current min.	5 mA	5 mA
Voltage drop max. (U_d)	≤ 6,0 V	≤ 6,0 V
No-load current (I_o)	< 3 mA	< 3 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	PVC 2 m, 2 x 0.75 mm ²	PVC 2 m, 2 x 0.75 mm ²
Housing material	PA / PPO	PA / PPO
Active surface	PA / PPO	PA / PPO
Lid	PA / PPO	PA / PPO

All specifications are subject to change without notice. (02.02.2010)



Made in Germany