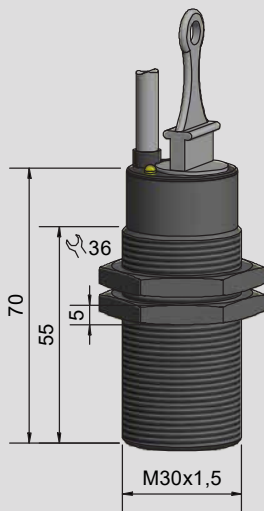




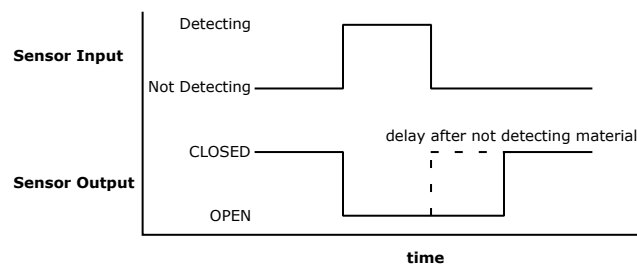
Capacitive sensors
Series 90 - AC / DC
Article number KA1742
Description KAS-90-A14-Ö-M30-PBT-TD-Z02-1-NL

- For level control of liquids, bulk material or pastes.
- With switch-off delay
- Adjustable time 30 sec - 10 min



Technical data

Mounting	Flush mountable
Operating distance S_n	10 mm
Operating distance min. / max. adjustable	2...20 mm
Sensitivity adjustment	Potentiometer
Output function	Normally closed
Operating voltage (U_B)	20...250 V AC / DC
Voltage drop max. (U_d)	≤ 6.0 V
Operating current (I_e)	5...100 mA
No-load current (I_o)	< 2.5 mA
Frequency of operating cycles max.	25 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP67 (with plug)
Norm	EN 60947-5-2
Connection	Cable 2 meter, 2 x 18 AWG
Housing material	PBT
Active surface	PBT
Lid	PBT
Housing size / Process connection	M 30 x 1.5
MTTF (average operating time until failure in Years)	1080.35 Years
Accessories (delivered with the sensor):	2 nuts M30 x 1.5



The sensors output is normally CLOSED.

When the sensor detects material, the output switches OPEN immediately.

When the sensor no longer detects material, the sensor will switch CLOSED after a time-delay (30s to 10m adjustable)

If the sensor detects material while the timer is running, the timer will reset.

