

Data sheet

GA-1

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Alarm device for a grease separator

GA-1 is an alarm device for monitoring the thickness of the grease layer accumulating in a grease interceptor. The system consists of a GA-1 control unit, GA-SG1 sensor and a cable joint.

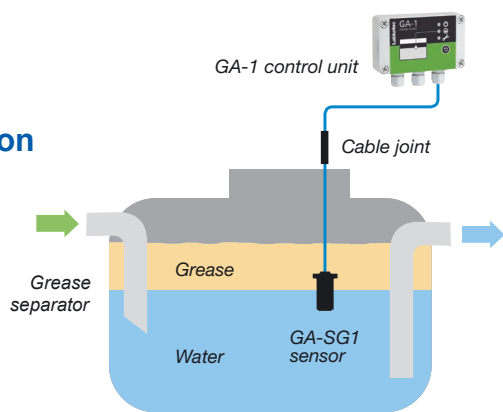


GA-1 control unit and GA-SG1 sensor

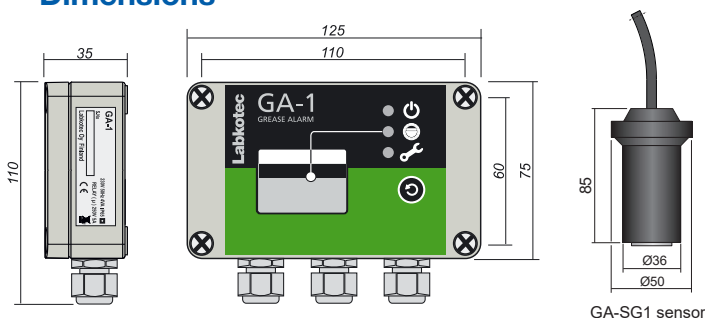


Cable joint

Application

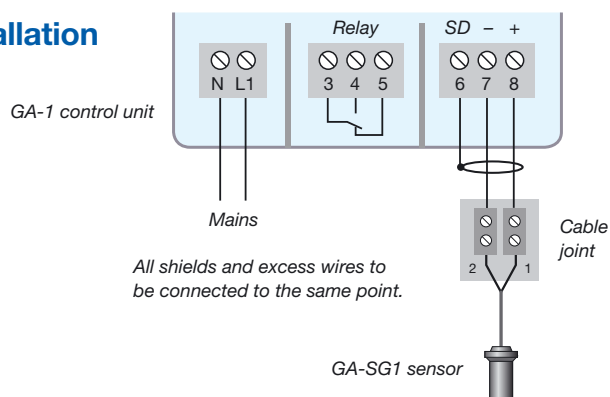


Dimensions



GA-SG1 sensor

Installation



GA-SG1 sensor

GA-1 Control unit

Dimensions	125 mm x 75 mm x 35 mm (L x H x D)
Weight	250 g
Package	0,8 kg (control unit + sensor + cable joint)
Enclosure	IP 65, material polycarbonate Cable glands adjustment range 6-10 mm
Operation temperature	-30 °C...+50 °C
Supply voltage	230 VAC $\pm$ 10 %, 50/60 Hz The device is not equipped with a mains switch
Power consumption	5 VA
Sensors	GA-SG1 sensor
Relay output	Potential-free relay output 250 V, 5 A Operational delay 10 sec. Relay de-energize at trigger point.
Electrical safety	IEC/EN 61010-1, Class II  , CAT II
EMC Emission Immunity	IEC/EN 61000-6-3 IEC/EN 61000-6-1
Manufacturing year Please see the serial number on the type plate	xxx x xxxxx xx YY x where YY = manufacturing year (e.g. 23 = 2023)

GA-SG1 Sensor

Principle of operation	Capacitive
Material	Material POM, chlorinated polyethylene rubber (CM), AISI 316
Weight	350 g (sensor + fixed cable)
IP-classification	IP68
Operation temperature	0 °C...+90 °C
Cable	Fixed cable 2 x 0.75 mm ² Ø 5,8mm. Standard length 5 m, other lengths optional. The max. length of the fixed cable is 15 m, can be extended up to 200m Maximum cable loop resistance is 30 Ω.
EMC Emission Immunity	IEC/EN 61000-6-3 IEC/EN 61000-6-1
Manufacturing year Please see the serial number from the bottom of sensor	GAXxxxxYY where YY = manufacturing year (e.g. 23 = 2023)

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