

Level detector for grease-water separators GAD 531



GAD 531



GP/10

- Compact and economical model
- Monitoring of grease-water separators
- Relay output; Changeover contact
- Audible and lighting LED alarms
- Cable break and short circuit monitoring

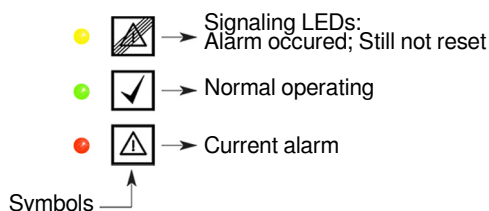
APPLICATION

- For monitoring the grease layer thickness in separators according to EN 1825-1, EN 1825-2 and 4040-100

DESCRIPTION

GAD 531 and probe GP/10 are designed for monitoring grease-water separators. The probe GP/10 detects when the thickness of floating grease is overpassed.

The GAD 531 signals the status of the system with 3 LEDs:



The alarm device has an auto-diagnostic of the probe, detection loop and of device integrity.

An audible alarm is built-in the unit. The buzzer may be disabled through a jumper if necessary.

Components of one system:

- Alarm unit GAD 531
- Detection probe GP/10 (cable output, 10 m long)

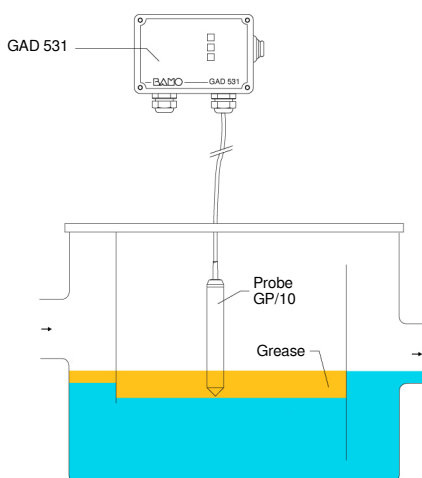
Caution:

Not suitable for greases in emulsion neither semi-solid / solid aggregates !

TECHNICAL FEATURES

Alarm Unit GAD 531

Main power supply	230 V AC $\pm 10\%$; 50/60 Hz
Consumption	~ 2 W
Housing	IP 65
Operating temperature	-20 ... +60 °C
Monitoring	Detection of grease layer thickness overpassed, cable break and short circuit.
Signals and alarm	Audible alarm (Buzzer) 1 Green LED for normal operation 1 Yellow LED when alarm occurred and not yet reset 1 Red LED for current alarm
Operating	1 Push button for diagnostic test and alarm acknowledgement
Relay output	Output: 1 Relay, 230 V AC, 3 A Changeover contact; Potential free
Housing	Polycarbonate; 120x80x55 mm; IP 65; Wall mount



BAMO INTERNATIONAL

22, Rue de la Voie des Bans · Z.I. de la gare · 95100 ARGENTEUIL
Tel +33 (0)1 30 25 83 20 Web www.bamo.eu
Fax +33 (0)1 34 10 16 05 E-mail export@bamo.fr

Level detector for
grease-water separators
GAD 531

20-04-2022

D-531.05-EN-AE

LEV

531-05/1

TECHNICAL FEATURES (Probe)

Grease probe GP/10

Only for use with the alarm unit GAD 531

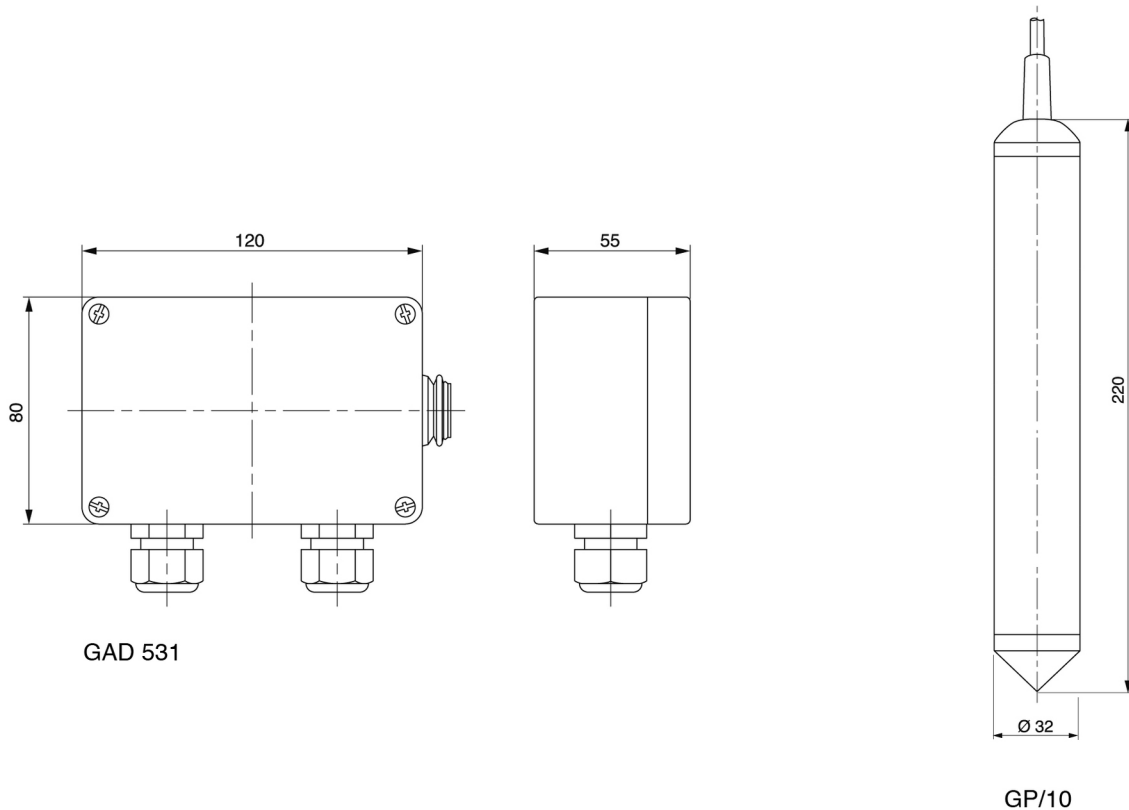
Materials	PP, PE and stainless steel
Cable	10 m long; Elastomer resistant to oils; 2-wire cable (2 x 1 mm ²)
Max. length	300 m
Dimensions	Ø 32 mm; Stem length: 200 mm
Protection	IP68
Detection principle	Capacitive, high frequency
Operating temperature	-20 °C ... +60 °C

EC Conformity: The instrument meets the legal requirements of the current European Directives

CODE NUMBERS AND REFERENCES

Code	Reference	Description
531 960	GAD 531	Alarm unit, 230 V AC - 50/60 Hz; Wall mounting; IP65
531 980	GP/10	Probe for grease layer detection; 10 m long cable

DIMENSIONS



BAMO INTERNATIONAL

22, Rue de la Voie des Bans · Z.I. de la gare · 95100 ARGENTEUIL

Tel +33 (0)1 30 25 83 20 Web www.bamo.eu

Fax +33 (0)1 34 10 16 05 E-mail export@bamo.fr

Level detector for
grease-water separators
GAD 531

20-04-2022

D-531.05-EN-AE

LEV

531-05/2