

# Genius gauge

Level indicator with display



- ✓ Control unit
- ✓ Acoustic alarm
- ✓ PC communication or communication to DieselPlus cloud software

# Genius Gauge

**The Genius gauge is a level monitor in atmospheric tanks. The level measurement is made by measuring the static pressure of the liquid height.**

## Application

- › Level monitor in atmospheric tanks
- › The level measurement is made by measuring the static pressure of the liquid height through a tube into the tank
- › It allows you to measure the level in rectangular and cylindrical, horizontal or vertical tanks with a maximum height of 4 m
- › Level reading in height (mm or inches) or volume (litres or gallons)
- › It is suitable for liquids with a maximum viscosity of 30 cSt\*
- \*It is not suitable for installations with ATEX classified zone.
- › PC communication with desktop software GKSuite or communication to DieselPlus cloud software
- › Communication to any PLC or external device via MODBUS RTU

## Technical data

<b>Power</b>	230 VAC
	110 VAC
	15-32 VDC
<b>Protection</b>	IP-55
<b>Resolution</b>	5 mm
<b>Accuracy</b>	1 % (in height)



# Genius gauge

## Components

### Control unit

- › LCD display of 16x2 characters
- › 5-key keyboard to access the kit menu

### Indicator set

- › Full: full tank alarm
- › Empty: empty tank alarm
- › Power: it shows the kit is switched on

### Tube to install on the tank

- › 10 m of tube (extending at 50 m maximum) of Ø6 mm
- › Ø25 mm weight that is immersed in the liquid until touching the bottom

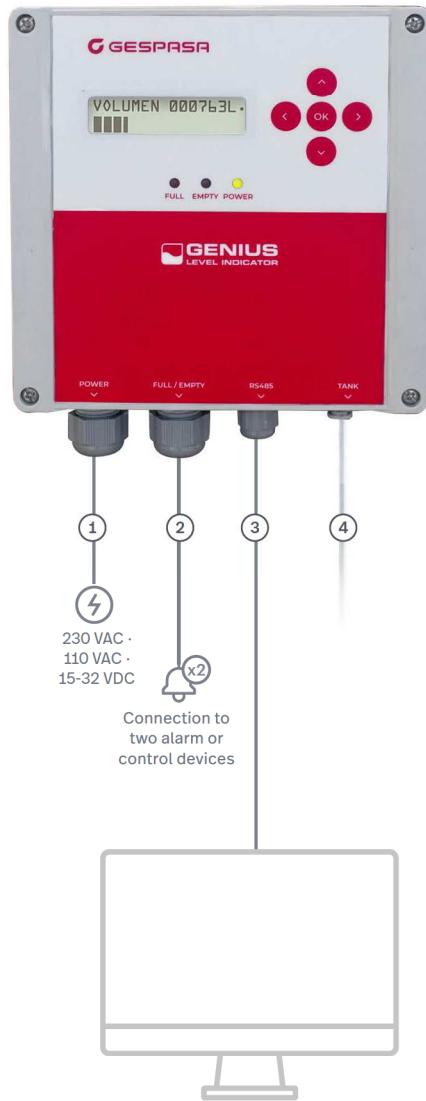
### Connections and cables

- ① **Cable 230 VAC 50/60 Hz · 110 VAC · 15-32 VDC**
- ② **Connection cable of the two outputs for full or overfilled tank alarm and empty or minimum level**
- › Two contacts to connect two alarms or control devices
- › According to the programmed alarm levels, the control unit will activate or deactivate the contacts, acting as a remote switch for activation of the connected alarm or control devices
- ③ **RS-485 communication cable**
- › Communication through Modbus RTU or GESPASA software\*

\*Refer to options of GESPASA software: GKSuite or DieselPlus

- ④ **Connection for the tube installed in the tank**

**Acoustic alarm in its inner of 90 dB and 2,400 Hz**



## Available models

### For diesel and other non-corrosive liquids

GENIUS 15-32 VDC	25737-CF00003
GENIUS 110 VAC	25737-CF00006
GENIUS 230 VAC	25737-CF00000

### For lubricants of viscosity 30-1,000 cSt

GENIUS-LUBE 230 VAC	25737-CF00001
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### For AdBlue/DEF or phytosanitary fluids

GENIUS-INOX 230 VAC	25737-CF00002
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 Product video  
in our website



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