

Gobius



It's Time for a New Gobius!

We are now introducing a completely new tank monitoring system that gives you the exact level and volume, regardless of the tank's geometry.

Gobius C is developed for you – customers who want to know the exact tank level so there is no guessing, no in-tank installation and no in-tank mess. Simple and precise so you can 'C' inside your tank accurately. And, Gobius C integrates with other instruments and systems and can display information on your phone or Windows PC.

Gobius C – A Combination of Gobius Technologies

We have also developed a new tank volume calculation software, which takes into account the geometry of the tank to be able to specify the exact level in the tank (percentage and volume) both visually on your phone and also on external devices.

By combining these functions together with a micro radar sensor, we now offer an unbeatable product for smaller tanks (up to 2m

high), such as water, fuel and waste tanks, at an unbeatable low price.

Gobius C vs. Old Fashioned Tank Monitors

Gobius C

- Measures from the outside of the tank (metal and plastic tanks)
- Stepless measurement, 2–3mm accuracy
- Instant display of the correct level and volume
- Reliable, never in contact with the fluid water
- Easy installation with your smartphone (Bluetooth) or PC
- Easy to integrate with control systems and external devices
- Integrated instant support functions

Old Fashioned Indicators

- Measure inside the tank
- Never give the correct measurements
- No tank shape correction
- Unreliable, always in contact with the aggressive fluids
- Often indicate a full tank even if the tank is empty
- Drilling holes are needed

- Always a leakage risk
- No exact stepless measurement

General Information SKU: 970526

- Suitable for all types of liquids
- Very easy and quick to install
- All settings are automatic
- Built-in tank calculator
- Built-in wave motion reduction
- No need to remove the tank
- Reading taken through plastic tank
- No tank wall thickness limit
- Adapted for standard holes in metal tanks (SAE J1810, 5 holes pattern, R 1¼")
- No cleaning inside the tank is needed
- No maintenance

Ultrasonic vs. Micro Radar

Ultrasonic uses sound waves, radar uses electromagnetic waves, which is the biggest difference. In general, it can be said that the radar provides a more stable measurement than an ultrasonic meter.

Measurement with Radar

- Reads through plastic, glass and fibreglass

- Does not read through metal
- Not affected by temperature
- Not affected by foam, vapour, pressure and dust

Measurement with Ultrasonic

- Does not read through plastic or fibreglass
- Does not read through metal
- Affected by temperature
- Affected by foam, vapour, pressure and dust
- Complicated installation

Gobius C

Our new tank sensor measures from the top and on the outside for all liquids, silently and with extreme accuracy, steplessly 0–100% – all with just one sensor per tank. Additionally, it does this with very low power consumption. For plastic tanks and fibreglass tanks, the sensor is mounted with pre-installed 3M tape. If you have a metal tank, a hole (min. 40mm) is required to be able to measure correctly. Conveniently, the new Gobius C Adapter is compatible with the standard hole that is used for Wema's tank gauges (44mm diameter).

Technical Description

- Input voltage: 9–28VDC
- Power consumption: 10mA
- Built-in Bluetooth: version 5.0
- Built-in temperature sensor
- Built-in accelerometer
- Built-in micro radar sensor
- Max voltage: 30V
- Max current: 500mA
- IP 44 outputs (connector, female 8 pins)
- Two digital outputs
- 4–20mA, galvanically insulated
- Resident outputs, 10–180 &

- 240–33 Ohm
- 0–5V
- Sensor LED, shows active or not

Measurement Functions

- Measuring range, 0–2000mm
- Measuring interval: 1 second
- Resolution: 1mm
- Accuracy: +/- 2–3mm

Tank Geometries

- Rectangular
- Irregular
- Vertical circular
- Horizontal circular

Sensor Facts

- Weight: 65 grams
- Dimensions: 55mm high, 95mm wide
- Cable length: 1m
- Connector on the sensor
- Material: ABS
- Bluetooth: version 5.0

Software

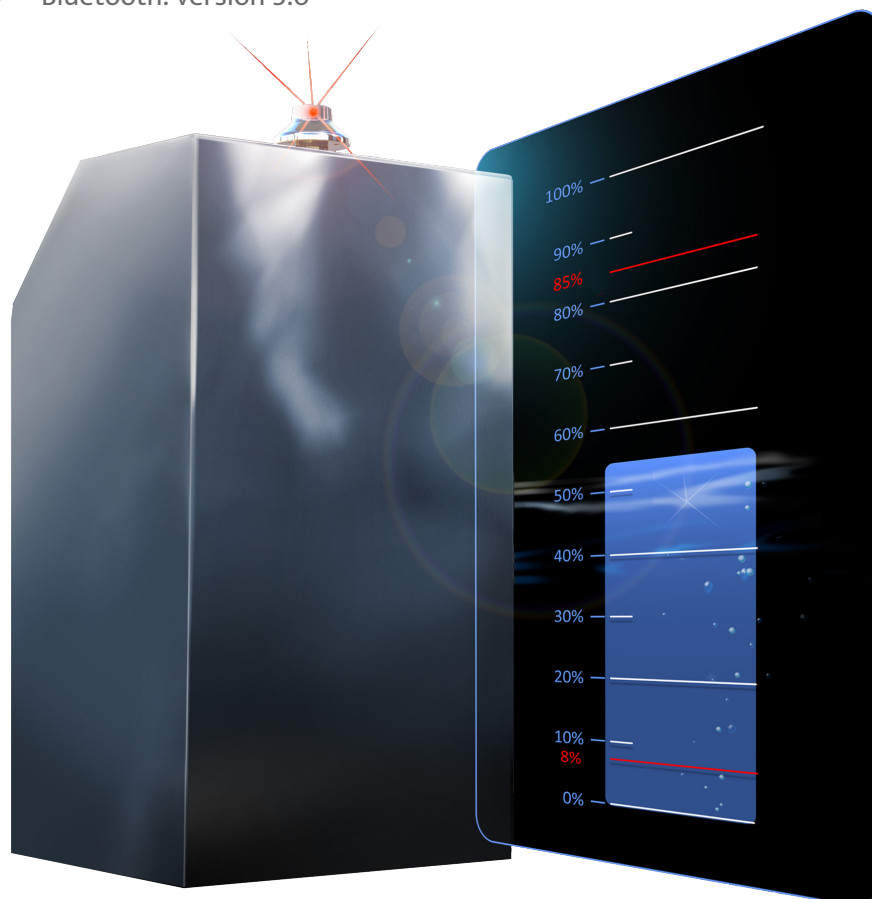
- Web app for iOS, Android phones and Windows PC
- Installation / change / removal
- Correct level calculation, incl. (percentage and litres)
- Two digital outputs, four states
- Display on the phone
- Built-in test functions
- Built-in error report

For more information about Gobius products, please contact:

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Gobius® 
'C' the Exact Tank Level



Outstanding Tank Monitoring

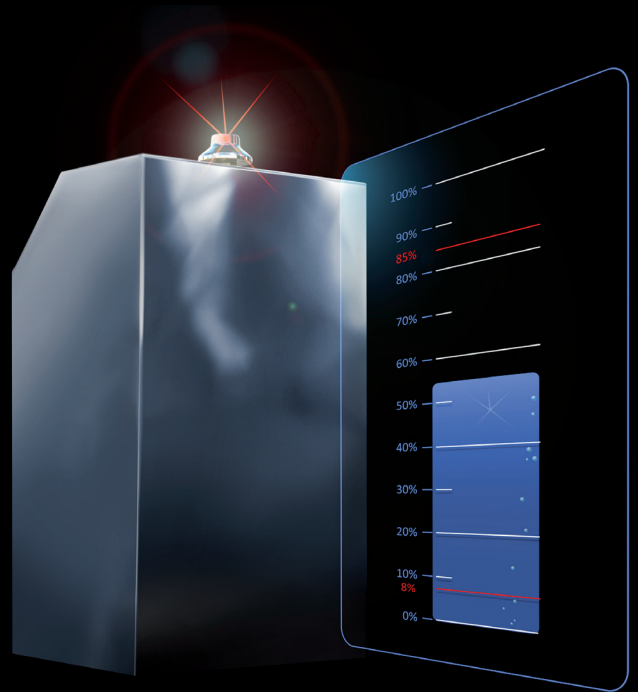
Gobius Measures From the Outside

- Quick and Easy Installation
- Perfect for Measuring
 - Black, Waste and Grey Water
 - Fresh Water
 - Diesel and Gasoline

0-100% Monitoring

Gobius C (NEW)

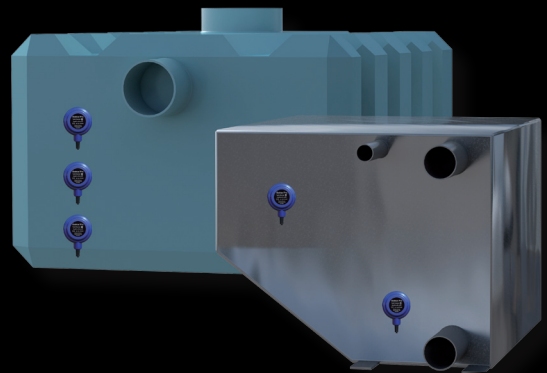
Gobius® C
'C' the Exact Tank Level



Multi-Level Switches

Gobius 4 and Gobius Pro 2, 3 and more

Gobius® Pro
Wireless Tank Monitoring



Level Switches

Gobius 1 and Gobius Pro 1

Gobius®



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