

# Gobius® Pro

Wireless Tank Monitoring

It's smart, it's precise, it's clean

## A revolution in Tank Monitoring

The Gobius Pro measures tanks of all kinds of materials and fluids from the outside. Now with Bluetooth communication built into every sensor. And a clever builtin calibration functionality saves time and minimizes cost.



You could say "Knock and listen" but it's more sophisticated than that. A Gobius sensor exerts force onto a tank wall and causes it to vibrate. An accelerometer is part of the sensor and it measures the vibrations. The processor's algorithm calculates a vibration value each time the sensor performs a measurement.

The Gobius Pro sensor is mounted on the outside of metal or plastic fluid tanks. No more mounting on the inside of the tank, no more drilling of holes. The sensor can work alone on a tank but also together with several Gobius Pro sensors.

The sensor has built-in Bluetooth communication for Android and iOS phones. In addition, the sensor has two outputs for integration, for example, in Bus-systems, relays, lights or buzzers. Useful for all kinds of fluids, like fresh water, fuel, oil, grey/black water and waste water.

### Strenghts:

- Quick and easy installation
- Bluetooth communication
- 2 digital outputs, on/off signals
- Mounted on the outside
- No drilling of holes
- No risk for leakage
- Easy to retrofit on an already installed tank
- Never in contact with the contents of the tank
- Do all settings with your phone
- Use 1 up to 9 sensors on one tank



## NEW 2021

Read more at [gobiuspro.com](http://gobiuspro.com)

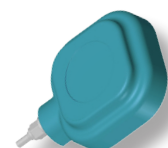


**Gobius® Pro**  
**RESEARCH**

Inbedded 5 min PIR sensor  
(silent during night)

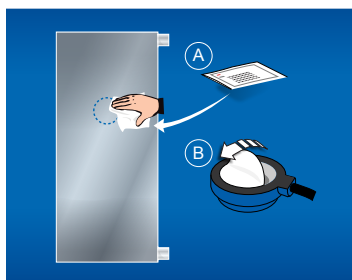


Water Proof Sensor



# 01

Where do you put the sensor?



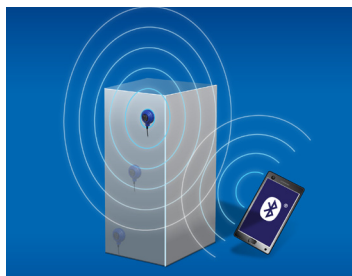
# 02

Connect the sensor



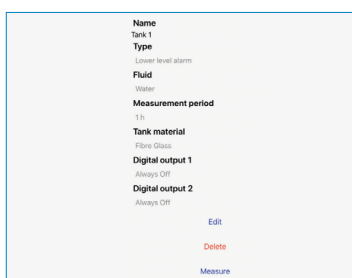
# 03

Contact



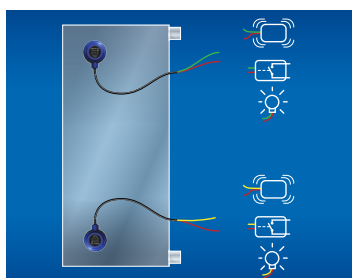
# 04

Config as you like



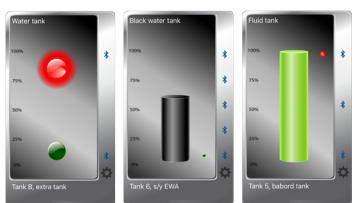
# 05

Integrate the sensor



# 06

Display the result



## Gobius for demanding environments

In a tank with an aggressive liquid, the sensor is exposed to wear and tear. Mechanical sensors in the tank are especially vulnerable, but even capacitive sensors mounted on the outside of the tank are affected. These sensors are sensitive to coating of calcium, magnesium, phosphorus alloys and other chemical components with metallic characteristics.

One unique property of Gobius Pro sensor is that it may be automatically adapted to different tank materials. This is not applicable for competitive measuring technologies which need presetting at factory or before installation. The clever built-in calibration functionality of our sensors saves time and minimizes cost.

### Gobius Pro

- Measures from the outside of the tank (metal and plastic tanks)
- Reliable, never in contact with the waste water
- Easy installation with your smart phone (Bluetooth)
- Easy to integrate with other systems
- Integrated instant support functions
- 2 digital outputs from each sensor
- Support 12 – 24 Volts
- Very low installation and support costs
- Extremely easy to install, less than 30 minutes

### Old fashion indicators

- Measure inside the tank
- Unreliable, always in contact with the waste water
- Indicate full even if the tank is empty
- Drilling holes are needed
- Always a leakage risk
- Periodic cleaning of the indicators inside the tank is needed
- No smart phones support
- High installation and maintenance costs
- 1-2 days installation time, in worst scenario
- Bad will for the boat/RV brand

## Specifications

Art. No	970480
Size Sensor	Diameter 70 mm, height 25 mm
Size Packaging	146 x 103 x 62 mm (l x b x h)
Name App	Gobius, (iOS and Android)
Communication	Bluetooth, version 4.2 and higher
Languages	English, French, German, Italian, Norwegian and Swedish
Package content	1 sensor (2 meter cable), 1 panel with red and green LED lamps, 1 extra sensor tape (3M), 1 cleaning tissue (3M) and 1 Quick guide
Supply Voltage	12 – 24 Volt
Supply Current	100 mA (measuring), 10 mA (Idle)
Temperature	+10 – + 60 Celsius with +-20 degrees temperature difference
Tank material max wall thickness	– Stainless steel, 3 mm – Aluminium, 5 mm – Fiber Glass, 8 mm – Steel, 3 mm – Polyethelene, 12 mm
Patent/ Trademark	US 8.448.509, Sweden 0701520-9 and Europe No. 2 165 164. Trademark Gobius, owned by Gobius Sensor Technology AB

