StockView™

Sonic LeVL connected via LoRaWAN or Sigfox

Using SilentSoft's Sonic LeVL connected ultrasonic sensor allows you to access real-time information on fluid levels in your tanks.

Using this connected ultrasonic sensor integrated into SilentSoft's telemetry solutions, you can view your level readings on a daily basis. A history allows you to trace the evolution of your tank levels.

With the Sonic LeVL solution, information is directly visible on your StockView client account. You can set up alerts according to your needs. You no longer need to go on site to measure the levels of your tanks

Using Sonic LeVL, you can manage your filling and emptying more efficiently and at a lower cost by anticipating and grouping them. With this solution, you can prevent emergencies and also avoid breakdowns, overflows and stock outs.

There are numerous advantages using this new technology of connected ultrasound sensors:
- The Sonic LeVL sensor is **installed in one visit**.
- The Sonic LeVL sensor is **easy to configure** and **can be adapted to all types of tanks and all sorts of fluids** (lubricants, waste oil, water, AD Blue,…).
- With the Sonic LeVL solution, all filling data can be transferred via web service for **integration into your company's IT environment**.
- The Sonic LeVL solution uses LoRaWan or Sigfox networks to enable optimal communication wherever your tanks may be: boiler room, garages, workshops, or field generators.

LoRa:
SONICLEVL-LORA-CH1 (Swisscom)
SONICLEVL-LORA-FR1 (Bouygues Telecom),
SONICLEVL-LORA-BE1 (Proximus)

Sigfox:
SONICLEVL-SIGFOX

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Technical Characteristics

Sonic LeVL by SilentSoft

Measurement technology:
Ultrasonic. Emission 40

Compatible fluids:
Fuel, water, lubricant, etc.

Network / Data transmission:
LoRaWAN ISM band: 868 MHz (CSS/BPSK)
or
Sigfox (RCZ1)

Frequency of readings:
Daily

Power supply:
2 Duracell Procell AA (2557 mAh) batteries
non-rechargeable - user replaceable

Battery life:
About 10 years
(depending on the number of daily readings)

Height - Diameter / Weight:
120 mm - 60 mm / 250 gr with batteries

Integration:
Screw thread (x3)

Operating temperature:
-30°C to +60°C

Protection factor:
IP67 waterproof and dustproof

Casing:
Polypropylene

Sensor range:
Minimum distance: 15cm (the tank will be considered
full between 0 and 15cm) Max distance: 5m

Certifications:
• Sigfox - 868 mHz ready • LoRaWAN - 868 mHz ready
• CE • RoHS • Bee law compliance

For more information and advice about our solutions, please contact us or visit our web site,
we are at your service!

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