



StockView™

Sonic LeVL connected via Cat-M1 / NB-IoT networks

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** (heating oil, kerosene, diesel, gasoline, lubricants, waste oil, water, Adblue...).
- 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 Cat-M1 and NB-IoT networks to enable optimal communication wherever your tanks may be: boiler room, garages, workshops, or field generators.

Cat-M1:
SONICLEVL-CATM1

NB-IoT:
SONICLEVL-NBIOT

Technical Characteristics



Sonic LeVL by SilentSoft

Measurement technology: Ultrasonic.

Compatible fluids: Heating Oil, Kerosene, Diesel, Gasoline, Lubricants, Waste Oils, Adblue, Water.

Frequency of readings: Daily

Accuracy: +/- 2cm

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

Networks: LTE Cat-M1 / NB-IoT
Fallback 2G

Power supply: 3.6V Lithium Thionyl Chloride

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

Level sensor Height / Diameter: 62.9 mm / 90.09 mm

Weight: 250g with batteries

Integration: Screw thread (2", 1 1/2", 1 1/4")

Security: Class 1, Div 1, Group A,B,C & D T4
Class I, Zone 0 AEx ia IIC T4 Ga
Complies with UL 913
SGSNA/20/CA/00003X
SGS20ATEX0009X IECEx BAS 20.0005X

Compliance: ATEX/Hazloc/IECEx, CE, RoHS

Environmental Protection: IP68 - Outdoors

Operating temperature: -20°C to +55°C

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

 www.silentsoft.com
 info@silentsoft.com
 (+41) 848 847 000
 2 Place Saint-Louis,
CH-1110 Morges

 **SilentSoft**
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