

NEW



PERFECT

to know the exact level of fluid and the corresponding volume in the flexible tank



ACCURATE DATA

with a communicated in real time



EASY

to install and use



DURABILITY AND OPTIMUM SECURITY

of the probe and screen (cannot be hacked remotely)

PRESENTATION

The Pronal connected level sensor is designed to provide accurate, real-time monitoring of the fluid level and corresponding volume in the flexible tank. Using state-of-the-art technology, this sensor ensures easy integration and optimum management of available resources.

3D OF HOW THE PRONAL LEVEL SENSOR WORKS



- 1 Rechargeable battery display showing fluid level and associated volume
- 2 Underwater probe collecting data
- 3 Flexible tank filled with fluid (in this case water)

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PRONAL LEVEL SENSOR

The PRONAL level sensor is manufactured in our factory and offers many advantages:

- Manufactured by PRONAL, a French company specialising in flexible and storage solutions since 1961
- Our design office is ready to listen to your customised requirements
- Easy to install
- Robust algorithm for converting tank filling height into volume
- Adaptable to all types of tank & liquid (fuel, diesel, heating oil, water, hydrocarbons, oil, etc....)
- Mobile and secure solution, wired connection between probe and box

MAIN CHARACTERISTICS

| | |
|------------------------------|--|
| TYPE | Instrument for measuring the fluid level in a flexible tank and indicating the estimated volume |
| USE | Once the probe is immersed, switch on the unit and read the height and volume values instantly. |
| MATERIAL | Nylon PA12 |
| SUPPORT / RESISTANCE | Designed to withstand harsh environments, guaranteeing long durability: -20°C to 80°C (consult us) |
| ACCESSORIES / OPTIONS | Rechargeable (wireless) or PV energy autonomy Additional flexible tanks can be added to the same box (consult us) |
| INSTALLATION TIME | Less than one minute, no calibration required |
| DIMENSIONS | L = 16 cm x w = 10,5 cm x h = 5,5 cm |
| FUTURE OPTIONS | PSTN clock, SD card reader, warning beacon, man-machine interface (in the form of a dashboard) |

INNOVATIONS AND BENEFITS

The on-board system is self-sufficient in terms of energy, calculations, display of measured level and volume deducted. The choice of an E-paper screen has been designed to reduce power consumption, rechargeable battery included.

INSTALLATION, A TURNKEY SOLUTION

Commissioning is simple and efficient, but Pronal has installation teams specialising in flexible tanks, ready to intervene if necessary.

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