

1. Description

The **LS-P** Data Logger boasts the main LS 42 features; it makes it possible to **monitor pressures** on the drinking water network; it has **2 AIs** used to obtain **CPR or CNP sensor** measurements.



Main features:

- Archiving daily balances (up to 50,000 values),
- Diagnostics (best 2G/3G operator selection, reception level testing, battery capacity testing, etc.)
- Configuration and Operation on-site via Bluetooth, Curve plotting, Excel transfer, Diagnostics LEDs,
- SMS warnings (threshold overrun),
- GPRS or 3G communication with 1 or 2 Centralisation Systems (Web Server and/or Central Station),
- Alarm display and acknowledgement on Android smartphones.

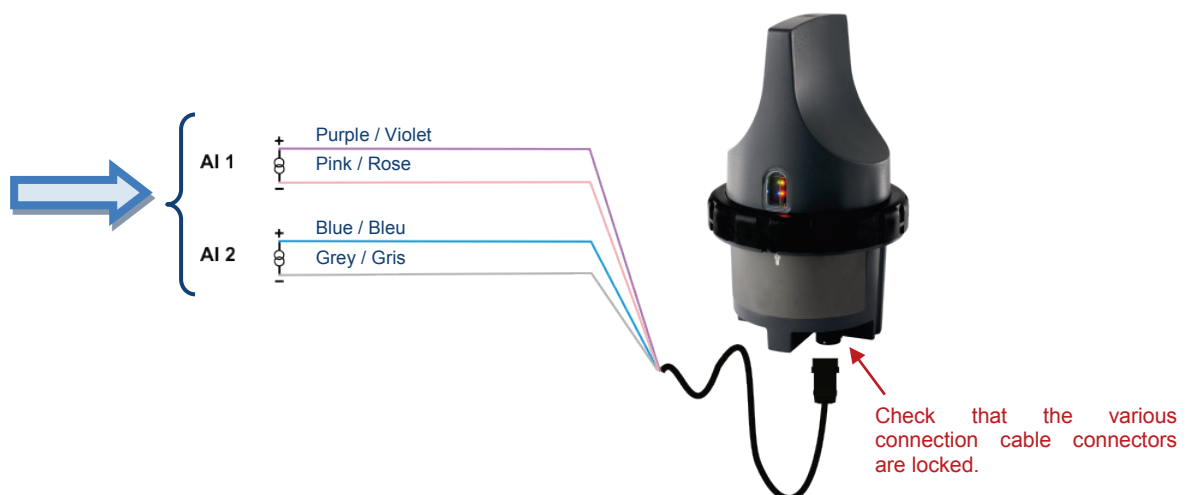
1.1. Specifications

Sealing	IP68 protection (100 days under 1 meter of water)
Operating temperature	-20°C to +55°C
Power supply	1 "standard" type battery or "high-capacity" type battery
Antenna type	Choice of a built-in or external antenna (with 4m cable)
Local connection	Connection Bluetooth with PC SOFTTOOLS
Measuring pressure	1 or 2 CPR (10 or 20 bars) or CNP (16 bars) sensors
Remote communication	SMS, GPRS or 3G with a Central Station and/or the Web Server

2. Connecting AI inputs

To make it simpler to connect the sensors, the AI inputs cable can be disconnected from the case

- **4-20 mA measurement**
(sensor powered by the Station)



 All inputs are protected up to 12V.