



PTLevel Wireless

SPECIFICATIONS

The PTLevel is a device that monitors your liquid levels by measuring the weight of the water using air pressure. It then takes that data and sends it to our servers where it is processed and displayed online to be accessed anywhere in a very convenient fashion.



CONNECTIVITY

- 802.11 b/g/n WiFi connection to your home router using the Home Receiver.
- LoRa-based design for extremely long range and low power operation between PTLevel transmitter and receiver.
- Internal antennas.
- Designed for 915MHz (North America)

POWER

- Transmitter primary power source is generic 4AA batteries.
- Transmitter battery 1 year lifetime (nominal).
- Transmitter optionally uses an external 8v DC wall power supply.
- Receiver uses a permanently connected external 8v DC wall power supply.



TECHNICAL

- -40°C to 100°C temperature range.
- Pressure sensor range - 0-7psi.
- Water depth limit for 13' of tubing - 25'.
- Water depth limit for 100' of tubing - 200'. (larger pressure chamber required)
- Transmitter enclosure IP 65 rated.
- Level reading accuracy - +/-3%



DIMENSIONS

- Receiver - 55mm x 95mm x 23mm.
- Transmitter - 69mm x 140mm x 51mm.
- Pressure Chamber - 250mm total height, 91mm base diameter, 26mm base height, 22mm tube od.

WEIGHT

- Receiver -
- Transmitter -
- Pressure chamber -

PACKAGE CONTENTS

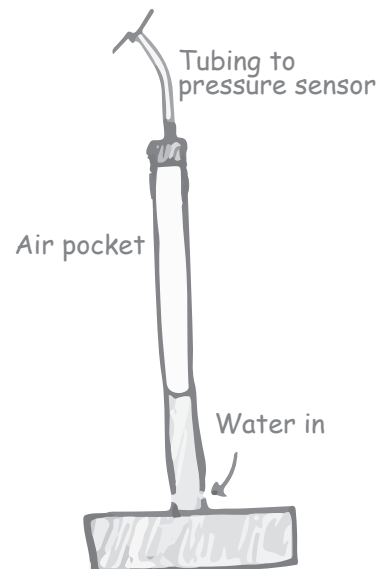
- PTLevel transmitter.
- PTLevel receiver.
- 110v - 220v wall adapter - 8v DC 500mA output.
- 13' of 5/32od ether based polyurethane tubing.
- Weighted pressure chamber.

APPLICATIONS

- Cistern
- Dug Well
- Drilled Well
- Sump
- Chemical Tanks
- Oil Tanks
- Gas Tanks
- Fertilizer Tanks
- Feeding Troughs



LEVEL READING OPERATION



BASIC CONNECTION OPERATION

