

Own your Assets

LevelCon's latest offering, Wireless LPG Monitoring System, is like no other in its class. Combining the power of our vetted F100 platform with a WP01 sender, installation of your back up propane system has never been easier. No need to trench up the Earth to run conduit from your propane tanks to the control building as the WP01 streams near live data via a proprietary wireless signal directly from your tank. The F100M delivers a constant level LCD indicator & a set of grounding contact for triggering downstream alarm controls. The integration of a full ModBus RS485 module allows for more control and expandability.



Typical Applications

- Local level monitoring and control
- Residential or Industrial Propane level monitoring
- Frac Tank monitoring
- Backup generator monitoring and control



Specifications

- 1 Analog Input & 1 Digital Grounding Input- Alarm Capable. Intrinsically safe: Class I Div 1 Group D Certified
- Multi-sensor RS485 deployment /UART Modbus, I2C
- Optional Cat-M1LTE/NB1oT. Multi-carrier Sim: Verizon, At&t, Sprint & T-Mobile. Global compatibility Option.
- **Globalstar** Optional cellular communication with satellite fallback.
- GPS enabled for mobile asset tracking
- Integrated temperature & barometric pressure sensor
- 24/7 access to data on LevelCon Cloud or local SCADA
- 3x AA battery with optional solar power assistance

3 Step Installation

1. Place the WP01 wireless transmitter anywhere on the tank via Neodymium magnetic clip.
2. Install the R3D Hall Effect sensor in place of the existing dial.
3. Install the F100M in the control building with 120v outlet power adapter and you are done.

The WP01 effortlessly sends the propane tank levels to the F100M to display the percentage level of the tank at all times. Any time the programmable level drops below the configured threshold, it automatically triggers the dry contact to the local control system alarms.

