

Hardwired Tank Level Sensors to Wireless Data Collection Using Resistive Sensors and IO MAX Transmitter

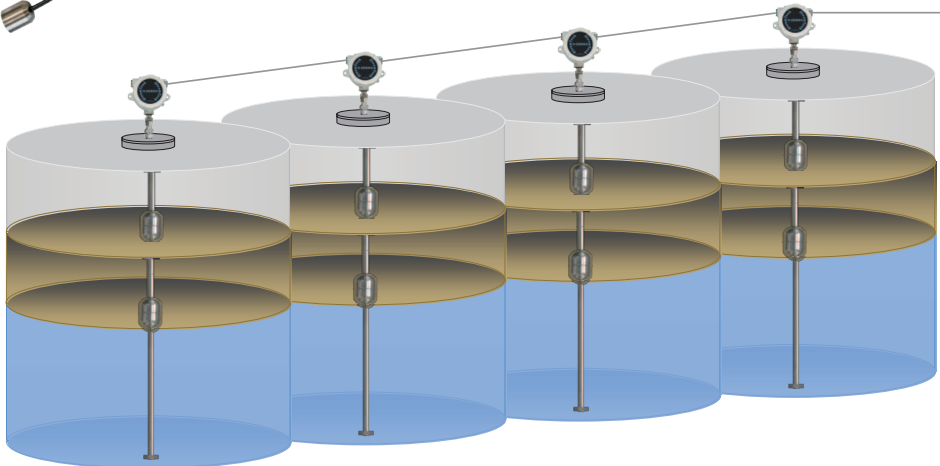


APPLICATION DRAWING

- ### HIGHLIGHTS
- Multi-drop up to 16 Resistive level sensors
 - Ethernet or Serial connectivity to core data infrastructure
 - Robust and secure RF network with high scalability
 - Flexible I/O count
 - Highly reliable, accurate Resistive level sensing technology
 - Swift deployment: 4-hour installation time of entire tank battery
 - 1 second minimum Tx update
 - External 9-24 VDC power input for continuously powering sensors
 - Optional Solar Power Pack 5 W 12 VDC



Hardwired Resistive Level Sensor
Modbus or LevelMaster ASCII Protocol
Flex or Rigid Sensor Option
Single or Dual Float Option
Product, Interface, and Temperature
Class I, Division 1



Tank Battery

OTC Wireless Sensor and I/O Network

- Robust, Scalable Wireless
- Point-to-Multipoint
- Peer-to-Peer
- Secure AES Encryption
- License-Free ISM Band



IO MAX Transmitter WT-0900-MX1 / WT-2400-MX1

- Multi-drop up to 16 Resistive Level Sensors
- Modbus, LevelMaster ASCII, or HART
- 9-24 VDC External Power Input
- 4x AI, 2x DI, 2x DO, RS485, HART
- Class I, Division 2

- 900 MHz Range: Up to 10 miles (16.1 km)
- 2.4 GHz Range: Up to 4.3 miles (7 km)
- 1 Second Minimum Tx Update

