



WATER LEVEL SENSOR AND METER

Introduction:

Sensors Technology has developed analog type continuous measurement water tank water level Sensor and display instrument for continuous water level monitoring, display and data recording.

Applications:

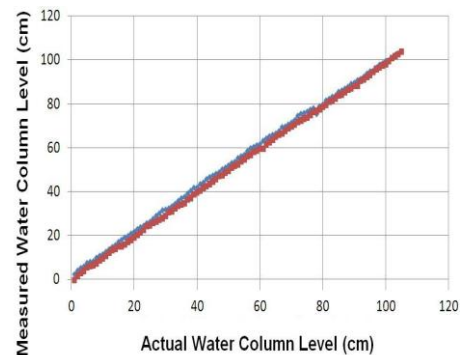
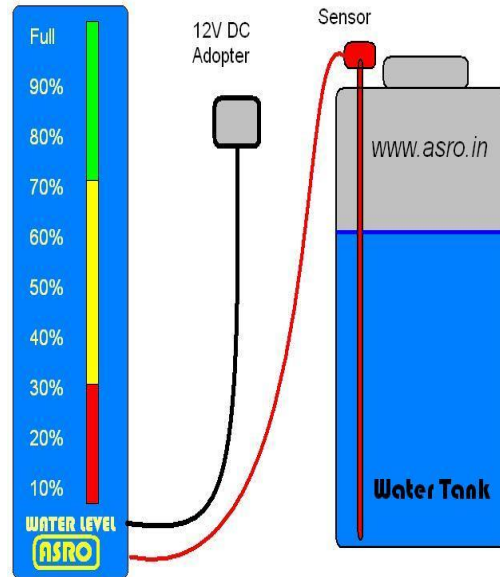
- Reservoir water level monitoring and data logging
- River water level monitoring and data logging
- Underground water level monitoring and data logging
- Overhead water tank level monitoring and data logging
- Underground water tank level monitoring and data logging
- Municipal water purification tanks water level monitoring
- Railways water tank monitoring
- Nuclear cooling water tank level monitoring
- Fire fighting vehicle water tank level monitoring
- Train and aircraft water tank water level monitoring.

Advantages:

- Low cost, long life and power saving advanced design
- Reliable faster information
- Indigenous technology
- Very helpful in critical water resource management

Technical Details:

- Sensor type: capacitive sensor
- Sensor sizes: 0.1m to 6m
- Sensor material: Stainless steel PTFE insulated electrode
- Operating Voltage: 10V
- Operating frequency: 1kHz to 10kHz
- Sensor Output: Frequency 4mA to 20mA switched
- Measurement device: Microcontroller Single Board Computer
- Data transmission: RS232 9600, 8, n, 1
- Linear output for water level (see graph on right side)



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