



Series 8100 : Smart Liquid Storage Tanks

For Overhead Storage and Aboveground Storage of Diesel, Lube Oils, Chemicals, Solvents.



Technical Specifications

Capacity	: 250L. / 500 L. / 1000 L. / 1500 L. / 2000 L.
Construction	: A) 3 - 6 mm MS Sheet B) 3 - 6 mm SS 316 Sheet
Level Transmitter	: 4 Point float operated SS Construction.
Input Flow measurement	: 1" or 1½" Size Positive Displacement Flowmeter
Liquid ON/OFF Control	: 1" or 1½" Size Electrically Operated Diaphragm Valve
Interfacing Output to PLC's	: Rs485 / Digital ON/OFF Logic

Introduction

The Series : 8100 Liquid Storage tanks are specially designed to offer complete solution for liquid storage, precision metering of input liquid, pumping capability for liquid transfer and reliable liquid level control made the tanks. The solution suits best for interfacing Storage tanks to PLC / SCADA system based control panels in liquid dispensers, BMS, and distribution system where expensive liquids such as solvents, fuels, Lube oil are handled and stored and the quantity use is critically audited.

Design Features

- Heavy Plate fabricated from Mild Steel or Austenitic Stainless steel.
- Capacities from 200 liters to 2000 liters.
- Precision P.D. Flowmeters for measurement of Input Liquid.
- Precision Four Point Level control Transmitter for reliable Level control.
- Integrated Solenoid Control Valves to control Input liquid to the Tanks.
- Optional Transfer pump for transferring the stored Liquid for use.
- 110 Micron Input Liquid Filtration to maintain liquid purity.

Detail Drawing

