



LTRF



RF Level Switch

RF level switch deliver peak performance at low cost. Based on Radio Frequency principle for Solids, Liquids, Slurries.

RF Level Switch comprises of two parts, Sensing Probe and an Electronic controller. The Sensing Probe has two parts, active section and shield section insulated from each other. A dust proof Probe Head is provided to cover the terminals of the Rf signal cable. Meaning hereby, the Probe contains no electronics or any other sensitive element.

Its uniqueness lies in its adaptability even at high temperature. It works unaffected of suspended particles, material coating and mechanical damage etc.

Both the electronic controller and sensing probe have IP66.

Sensing Probes

Level –Tec provide various types / models of sensing probe depending upon its application and requirement.

Electronic Controller

Electronic Controller contains electronics enclosure and is mounted separately at a convenient location remote from sensing probe.

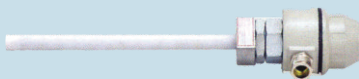
LTRFF01



Flexible Probe

For deeper silo or vessel where probe length exceeds 2 mtrs.

LTRFP02



Rigid PTFE Probe

Fully insulated to be used in conductive and corrosive material.

LTRFD02



Flushed / Disc Probe

Used where there is no insertion possible, be it due to less space or due to presence of big material particles eg. big stones which may damage normal probe.

LTVS04



Vertical Mounting Float Level Switch

It is an established and reliable technique in industry for single / multiple liquid level sensing and control in open or pressurized vessels. Hermitically sealed sensors are activated (NO/NC) as the float passes them. Have IP66.

Simple and proven design operates in most liquid.

LTHS01



Horizontal Mounted Level Switch

Float mounted at one end of rigid rod moves with change in level with magnetic capsule at other end of rod moves accordingly within fixed limits. Micro switch contacts (NO/NC) are accordingly activated to produce desired process output. Have IP66.

LTDS02



Displacer Type Level Switch

Displacer Type Level Switch is based on buoyancy principle whereby a spring is loaded with weighted displacers which are heavier than the liquid under control. Immersion of the displacer in the liquid results in a buoyancy force change, producing a spring load reduction which moves the spring there by actuating the magnetic switch which is kept inside the stem. Have IP66.

LTCS02



LTCS01



Chamber Type Level Switch

External cage type level switches are completely self-contained units designed for side mounting to a tank or vessel with threaded or flanged pipe connections. The float movement is magnetically transmitted to switch action at the desired level. Have IP66.

Can be used in high temperature upto 400°C (with cooling fins)

LTCF01



Cable Float Switch

Cable float switch is a control device for filling and discharging pumps, motor and magnetic valves. It is also an alarm device at certain pre-determined surface levels. It is simple, rugged and reliable. Have IP66.



Mini Float Level Switch

Mini Float level switches are designed to mount through the top/side of the tank. It can fit anywhere because of its shape and compact size. These are generally used for small tanks containing water & chemicals.

LTCL02

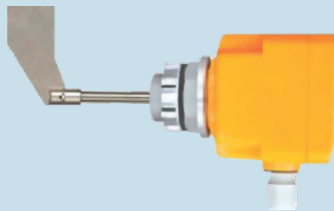


Conductivity Level Switch

It is a simple, low cost, point level controller designed for detection of conductive liquids having low densities, high viscosities or solid particles and interface between nonconductive and conductive liquids.

Probe type : Rigid/ Flexible

LTRP01



Rotary Paddle Type Level Switch

The paddle switch is designed to detect high or low levels of free-flowing dry solids, such as powders and granules. It is mounted through the wall of a vessel such that the paddle protrudes inside the vessel. A small electric motor drives a paddle that rotates freely in the absence of material, but rotation is impeded when material is present thus detecting its presence.

LTVF01



VIBRATING TUNING FORK LEVEL SWITCHES

It is a robust level point limit switch for use in silos and vessels containing tiny-grained or powdery solids even with a low bulk density and in liquids applications. The various designs mean the device has a wide range of applications. Compact design is provided for installation in any direction.

LTFS01



Flow Switch

Flow switches are highly reliable devices utilized to sense the presence or absence of flow in pipelines.

LTTG 02



Tubular Level Gauge

Tubular level gauge is used for visual liquid level indication through borosilicate glass tube against graduated scale. It is most commonly used instrument in the process industry because of its simple construction. It is placed in a box type guard to enhance its safety and usability.

Available Sizes : with Non IBR & IBR Certificates

LTRG01



Reflex Level Gauge

It is used in high pressure condition for accurate reading of liquid levels.

Reflex level gauge is based on the principal of different refractive indices of liquid and vapour using special prism glass.

Transparent level gauge, here clear glass is mounted on front and back of the gauge permitting observance of not only liquid level but also characteristics such as colour or interface between to immiscible liquids.

Available Sizes : with Non IBR & IBR Certificates

LTML01



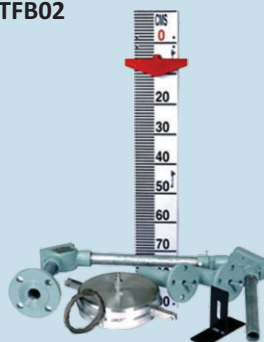
Magnetic Level Indicator

Magnetic Level Indicator is a safe, reliable and economical way to measure and control liquid levels in any type of liquid application e.g. acids, toxic chemicals, solvents, vegetable oil, fuel oil etc.

These indicators can be top mounted or side mounted as per requirement.

Available Sizes : with Non IBR & IBR Certificates

LTFB02



Float and Board Level Indicator

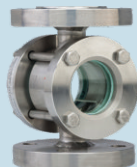
A Reliable, Economic & Accurate Level Indicator suitable for measurement of liquid level in over ground/over head storage tanks

- Absolute Vapour tightness.
- No Sealing liquids.
- Clean installation.
- Trouble-free Service.

LTSF01



LTSF02



Sight Flow Indicator

Sight Flow Indicator is used to observe the flow through industrial process lines. The sight flow indicator consists of a straight heavy wall glass tube. It offers virtually no flow restrictions, complete visibility & negligible pressure drop.

LTSR03



Strainers

Y-Strainers

Y strainers are a cost-effective solution for the mechanical removal of unwanted solids from liquid, gas or steam lines by means of a perforated or wire mesh straining element. They are used in pipelines to protect pumps, meters, control valves, steam traps, regulators and other process equipment.

LTSR05



Basket Strainers

Basket Strainers feature top removal of the screen. The screen is in the form of a basket, with a lifting handle, so that all particulate captured and retained by the screen can be easily removed for disposal.

LTOF03



Orifice plate and assembly

Orifice Plate is used to measure the flow rate of any liquid.

Orifice Plates are available in 304SS, 316SS, Monel, Hastelloy, Titanium and other exotic materials upon request. Orifice Plates are available in Concentric, Eccentric, ASME Quadrant Edge and Segmental Bore.



Manifolds

- **End Connections** : NPT / BSPP / BSPT / METRIC
- **Testing** : 100% tested to ensure leak tightness at shell, seat & gland.
- **Cleaning** : All Components are ultrasonically cleaned.
- **Material** : Different grades of materials like SS 304 / SS 316 / SS 316 L - Nace / Hastalloy C / Monel / Inconel offered on request
- Gland Packing : PTFE

Different types available:

- 2-Valve Manifolds
- 3-Valve Manifolds
- 5-Valve Manifolds

APPLICATION AREAS

LEVEL-TEC
Process Control

Pulp & Paper



Food and Beverage



Chemical



Water and Wastewater Treatment



Power & Energy



Construction



Steel



Life Science





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