



YPL INSTRUMENTS PVT. LTD.

FLOAT & BOARD LEVEL INDICATOR: YPL-FBLI15

Introduction

It is an accurate, reliable & trouble free float operation technique used In large non-pressurized storage tank.

Construction & Operation

Guided direct indication: it consist of a float connected to a pointer Through a rope via a set of pulleys. The pointer glides over a calibrated Gauge board, positioned parallel to the tank. The float accurately follows Liquid level variations in vertical direction. The horizontal float movement Is restricted by two guide wires firmly anchored to tank bottom. As such, The pointer is in top position when tank is empty and in bottom position When full.

Applications: liquid storage tank having moderate turbulence and variable Tank height.

Specification

| | |
|---------------------------|---|
| Measuring Range | : 1-2 meter with Ø200mm float 3-5 with Ø300mm float |
| Float | : SS304xØ200mmxØ300mm SS316xØ200mmxØ300mm |
| Calibrated Gauge Board | : 6" wide aluminum board with graduations & numerical |
| Least Count | : 20mm |
| Max Temp. | : 150°C |
| Max Pressure | : 10Kg/cm ² |
| Float Wire Rope | : SS304/SS316 |
| Guide Wire Rope | : SS304/SS316 |
| Installation | : Ground level tank/ overhead tank |
| Local Indication | |
| Pointer | : Powder coated red MS pointer, pointer tip indicates 'level' |
| Pulley Assemblies (2nos.) | : Aluminum pulley with PTFE bush |
| Protection Conduit | |
| Horizontal Limb | : GI pipe 25NB x 1000mm (adjustable) |
| Vertical Limb | : GI pipe 25NB x 500mm |
| Spring Tensioned Assay's | : Cadmium plated steel spring housed in CI enclosure |
| Process connection | : 1"x150# RF flange, other optional |
| Anchor plate | : CS, SS304, and SS316 |
| Gauge Board Brackets | : Powder coated Aluminum |
| Wire fasteners | : Stainless steel |



FIG. 1

REGD. OFF: PLOT NO. 86-B, NEW DLF INDUSTRIAL AREA FARIDABAD-121003 (HARYANA)

Website: www.yplindia.in

Email Id: info.yplinstruments@gmail.com

Ph: [0129-3552448](tel:0129-3552448)