

Float Actuation Type Tank Level Indicator



NIVOGAUGE MLF 1000

Features

- High Reliability
- High Accuracy
- Can be used with analogue to digital converter for transmission of tank level or alarms.
- Special Version for Corrosive applications.

Nivo Tank Level Indicator provides trouble free sensing of

- Liquid Petroleum Products
- High Viscous Oils & Varnishes
- Edible Oil
- Corrosive Liquids
- Water
- Effluent & Chemicals

And many more!

Nivo Control's Tank Level Indicator offers a high degree of accuracy and reliability. The instrument comprises of a mechanical gauge that works with a float to accurately measure the level of liquid in a tank. The liquid level is transmitted by means of a tape connected to float on one side and gear mechanism on the other side. The gears rotate the pointer on a dial or counter mechanism to display readings. A drum and spring mechanism provides constant tension on tape to keep it straight and thus

balancing the force due to apparent float weight on one side and spring tension on other side.

The Level indicator is suited for measurement in small as well as large size tanks. The instrument offers reliable operation even with corrosive or aggressive liquids with fumes. By coupling a transmitter to the dial, level alarm output and current output corresponding to the measuring range can be obtained. These instruments can be used with Floating Roof Tank, Cone Roof Tank as well as underground tanks.

Technical Specifications

| | | |
|---------------------|----------|--------------------------|
| Indication | : | Pointer and Dial |
| | Option : | Mechanical Counter |
| Range | : | 2.5, 5, 10, 16, 20, 30 m |
| Accuracy | : | ± 2mm |
| Least Count | : | 1 mm |
| Process Pressure | : | 0.2 Kg/ cm ² |
| Process Temperature | : | + 200° C max. |
| Float Material | : | SS 316 |
| Ambient temperature | : | -20° C to +60° C |
| Housing | : | Cast Aluminium |
| Protection | : | IP 65 |

Version with wetted parts from non-metallic material for corrosive applications

We reserve the right to modify the technical data without prior notice.

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