



VISI 1110

Mechanical Gauge Board

for above ground storage tanks (non-sealed)



As a staple in the Oil and Gas industry, the VISI 1110 is a dependable and popular mechanical gauge that provides cost effective measurement of liquids that do not produce hazardous vapors. It is reliable and accurate in all weather conditions and moving parts have been kept to a minimum.

Durable, corrosion-resistant materials permit operation in a wide variety of applications. The magnetically secured signboard allows for installation while the tank is in service. Field proven in thousands of installations since the early 1980's, the VISI 1110 is the right choice.

- Cost effective
- Easy installation
- Wide temperature range
- Accurate to 2 cm
- 3M reflective decal on gauge board
- Signboard attached to tank by weld-on/magnetic brackets
- Low maintenance
- Few moving parts (no pulleys or shivs)
- Can be read from a safe and convenient distance
- Rugged construction

applications

- Used in a variety of storage tanks including:
 - Single well facilities
 - Production batteries
 - Portable tanks



VISI 1110 features

The VISI 1110 consists of a PVC or stainless steel float attached to a stainless steel cable that passes through a PVC guide tube eliminating the problems often associated with conventional pulley systems. Liquid is shown using a highly visible indicator on the gauge board. The indicator is a unique design that eliminates the need for guiding cables: teflon guides are fitted to the inside of the indicator to enable it to glide smoothly along the aluminum gauge board.



Performance

- Measuring range: up to 9.8m (32 ft.)
- Accuracy: 2cm (4 inch)
- Pressure: atmospheric
- Temperature range -40° C to +60° C
- Maximum cable-guide length: 20 feet

Mechanical

- Material
 - Cable: S.S. (304)
 - Float: PVC/SS 304
 - Sign Board: aluminum
 - Cable Guide: PVC
- Anchor Types (for optional guide-wire option)
 - Cable anchors (welded)
 - Weighted anchor (40lb), rubber lined
- Float
 - Dimensions (17" L x 4.5" D)
 - Custom floats available
 - Material: PVC (standard)

Output Options

- Proximity Switch (optional)
- Easily field adjustable over entire range of the tank
- Up to 8 per signboard
- SPDT (FORM C)
- Contact ratings:
1250 Watts @ 120 Vac (10 A Max)
- Temperature Range: -40° C to +110° C

Approval/Certifications

- Proximity Switch (optional)
- Class 1 Div 2 Grps A,B,C,D

Fluids Monitored

- Crude oil (sweet - no hazardous vapors)
- Drilling Mud
- Chemicals
- Acids, bases
- Refined Petroleum
- Salt Water

VISI 1110 kit includes: Gauge board (ordered to the tank height), Indicator, Stainless Steel Float cable, PVC float, PVC Cable-Guide tube, Welded mounting brackets (optionally magnetic).

locations

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