

The LevelSure combines the operation of conventional float operated magnetic level indication with the proven technology of reed chain transmitter, magnetostrictive transmitter or guided wave radar in one unit.

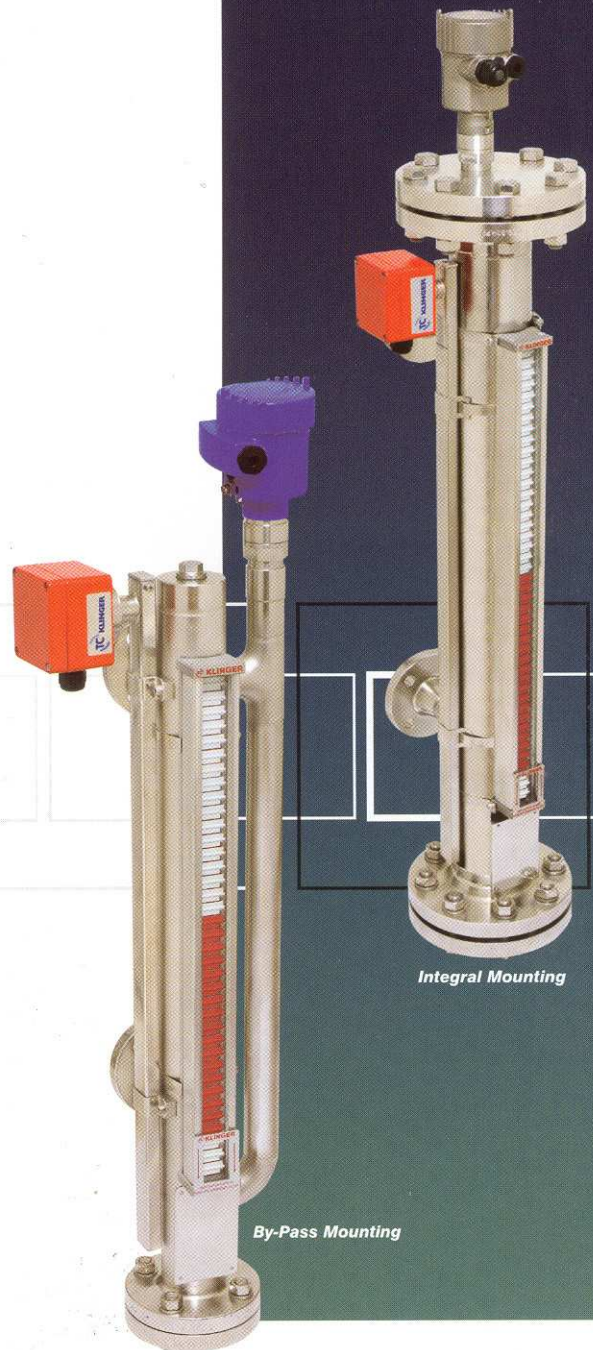
The user benefits from the local visual readout and from the 4-20mA signals provided from the reed chain, magnetostrictive and guided wave transmitters with resolution down to 1.5mm available.

The LevelSure is a completely self-contained unit for mounting to a tank or vessel with threaded, flanged or welded connections to suit customer specification.

It is particularly useful in conditions where a high level of confidence is required in the level readings as signals can be compared relative to each other. Typical applications are offshore, petrochemical, power, food and pharmaceutical industries.



Exchangeable display and configuration module



Communications

- HART
- PROFIBUS
- FIELDBUS

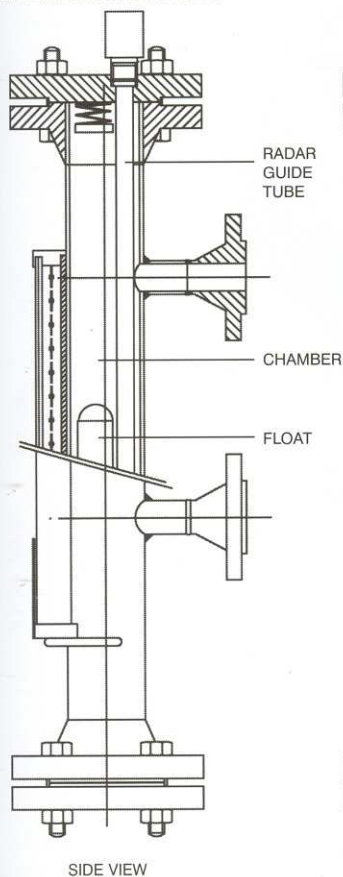
Options dependent on instrument used

> Measuring Principles

Time Domain Reflectometry (TDR) - Microwave pulses are transmitted along a guide rod suspended from the top of the measuring chamber. As the pulses come in contact with the media, they are reflected back along the guide tube and are detected at the electronics in the headshell. The time elapsed is evaluated to determine the liquid level with a measurement accuracy of +/- 3mm.

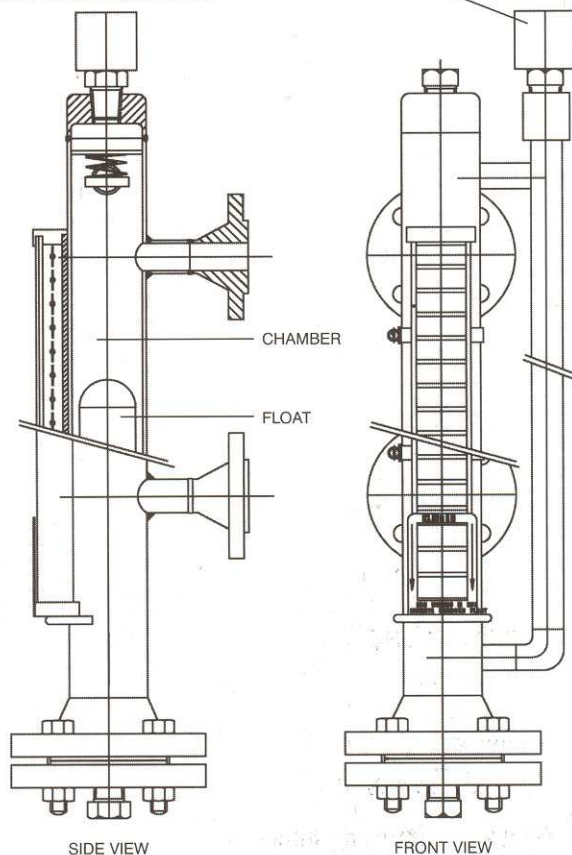
Microwaves are generally not affected by process conditions. They are not sensitive to dust, vapours or foam, even conditions such as steam environments do not influence the accuracy or reliability.

INTEGRAL MOUNTING



RADAR UNIT CONNECTION 3/4" NPT
(OR TO SUIT CUSTOMER SPECIFICATION)

BY-PASS MOUNTING



SIDE VIEW

FRONT VIEW

SIDE VIEW

FRONT VIEW