

The tank gauging system comprises of a sensor and Indicator, which is inter-connected by a small bore capillary tube. The capillary is fixed to both the Indicator and the sensor, no attempt should be made to disconnect or cut the capillary tube.

Place the sensor at the storage vessel and then carefully uncoil the capillary tube and route loosely along its path to where the Indicator is to be fixed.

The Indicator houses a precision movement and metallic capsule, which has been carefully calibrated to suit each individual tank specification. It should be positioned with care so that is protected from mechanical damage by plant or other machinery. Although the Indicator is weatherproof we recommend that it be positioned, where ever possible, in an area that is not fully open to the elements.

Once the capillary has been uncoiled, the sensor can be fitted to the storage vessel and the Indicator mounted in its permanent position, then the capillary can be fixed along its preferred route, it is recommended that plastic cable ties are used to hold it in place.

The calibration of the instrument will not be affected by the elevation of the Indicator in relation to the sensor. However, it is important to remember that the gauge has been calibrated to a set datum point which was given at the time of order (i.e. the distance from the tank base to the center line of the sensor fixing).

If the sensor is fitted under the storage vessel the calibration will include an offset based upon the data received.

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Sealed capillary system