

Remote Indicating Tank Contents Gauge Internal Transmitter



Mostly used to measure: Fuel oil, Diesel, Kerosene, Paraffin, Lube oil, Water

Principals of operation

The Instrument operates on the hydrostatic principal, where pressure due to head of liquid is sensed by the Transmitter Head and transmitted via a capillary tube to the indicator giving a continuous level reading. The gauge is suitable for installation on any shape or size of storage vessel that is freely vented to atmosphere.

Installation

The transmitter is fitted through the top of the tank, and the indicator shows the contents of liquid above the transmitter. Indicators are graduated to customer requirements, fractions, 0-100%, litres, gallons, tons or m3 etc. Dial sizes 100mm or 160mm. Questionnaire Q28 must be completed.

Specifications

Indicator

Mounting: Surface as photo or Flush Panel
Accuracy:1%
Case & Bezel: 304 St. St Bayonet locking bezel
Measuring Element: Phosphor Bronze
Movement: Brass
Dial: White Aluminium with black markings
Pointer: Black Oxidised Aluminium
Window: Glass/Clear Acrylic
Gasket Seal:Food Quality Rubber

Transmitter Type D Standard

Body: Brass
Connection: 1"bsp
Sensing Element: Nitrile/Hydrin
Capillary: 2mm o.d. copper microbore tube with 9mm o.d. solid black PVC protection sheath.