O.L.E
1.0% TANK GAUGE

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NEW PRODUCT RELEASE

The TG2-PRO is a programmable Tank Gauge & Alarm unit.

This Gauge provides a continuous reading of level input from the tank sensor, and allows the owner to set up the Gauge to read Litres based on the tank shape. Proven Technology.

Installation   20 to 30 minutes

A Unique Tank fitting is provided to fit into a 1" Socket or a 30 mm bored hole, providing an IP65 seal. The tank sensor comes with 6 meters cable. (Can be extended by user) The display can be mounted up to 50 meters from the tank.

Technical Data

Setting the Gauge

The gauge is settable from the front panel

The sensor and Tank shapes are set from up / down and selection buttons. This set-up is disabled when completed.

Operation

There are 3 button options. Left Button is used in Calibration set-up mode only. Any Button turns on the backlight for 1 hour.

Centre button tests and acknowledges the High Alarm Right hand button shows Ullage and Capacity

Power requirements/ Options

The Unit operates from 100 to 240 vac power supply.

Optional 15 to 24 VDC @ 80 mA connection

Enclosure

IP65 Fully weatherproof for outdoor use.

Cable connections

Weatherproof cable glands are provided for power supply and tank sensor input. Screw down & plug in Terminal strips are provided within the gauge

Inputs

One Tank Level Sensor input, either 0.5 to 4.5 volt 3 wire or 2 wire   4 - 20 mA sensor input.

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One Normally Closed (NC) contact is provided for use with either a Bund Alarm Switch or a Low Level Switch.

Outputs

One 4 - 20 mA output proportional to tank contents.

This is 4.0 mA = 0 Litres and 20 mA = Max tank capacity

(This is either active or passive and suitable for BMS).

One (1) Control output providing dc supply voltage output which can be used for a siren or Beacon or both Alarm Functions. This is a settable value eg 95% = trigger set point,

e.g. High Level Local alarm with acknowledge circuit.

This alarm also operates from Bund or Low signal.

Optional 24vdc relay providing Volt Free contact.

Accuracy.

- +/- 1.0% Tank Capacity
- Operating Temperature: -10 to +60 DegC
- Humidity: 5 to 95%

Item code: TG2-PRO