

# T/LL130 Liquid Level Sensor

The **T/LL130** series is designed for use in water, coolant or fuel/oil tanks and provides a factory set variable resistive or voltage output suitable for driving industry standard fuel gauges or connecting into PLCs.

The device has no moving parts and can be mounted at any angle above horizontal as long as it covers the whole depth of the tank. The unit cannot be inverted. An optional manual calibration feature is available.



# SPECIFICATION



### Calibration Instructions (Models 133 & 134)

Units will be supplied calibrated for diesel. They can be recalibrated for alternative fuels: **Full Point:** 

- 1. Install sensor in the tank and power on.
- 2. Fill tank to required full level.
- Remove calibration bung from sensor and use a suitable tool to depress PCB mounted calibration button. Hold for 5 seconds to set full point. Release button.
- 4. Check full point and refit bung.

## **Empty Point (if required):**

1. Fill tank to required level or, for Min. Empty Level,

remove from tank and shake to remove excess liquid.

2. Disconnect power.

3. Remove calibration bung from sensor and use a suitable tool to depress PCB mounted calibration button then reconnect power whilst depressing calibration button. Continue to depress for a further 5 seconds to set empty point. Release button.

Pin Connection

Output

D

В

С

Α

+12 V or +24 V

Level Alarm

0 V / Ground

D

Bo

Ac

X)LOAD

INPUT Customer's equipme

4. Check empty point and refit bung.

#### N.B. Warranty is void if the label is removed

#### Rochestersensors.com

E. & O. E. © Rochester Sensors UK Limited.

Since the suitability of these products depends upon a wide range of factors not in our control, Rochester Sensors UK Limited expects and understands that you will conduct the testing and evaluation necessary to determine that these products are suitable for your application. Whilst every effort is made to ensure the above details are correct at the time of printing, Rochester Sensors UK Limited reserves the right to make material changes, and or technical changes without notification.



8.6/33 Rev 3

Ignition switch