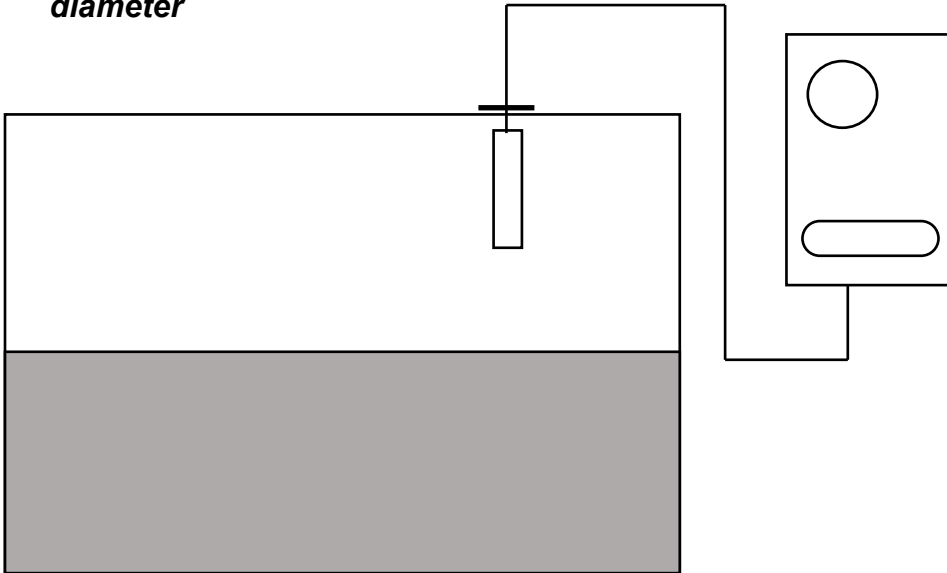


## MK3212 Fillsafe Overflow Alarm

### Installation

**ALL ELECTRICAL WIRING SHOULD BE PERFORMED BY A COMPETENT ELECTRICIAN.**

- 1) Install the probe into the tank as illustrated below. You will require a hole approximately 20mm diameter**



Note: When drilling holes in fuel tanks that contain fuel, reference should be made to Health & Safety Executive guidelines.

Carefully install the probe through the 20mm hole, ensuring the sealing gasket is in place. Secure to the tank by means of the self-tapping screws supplied.

- 2) Before securing the probe, adjust the depth of the probe to your particular requirement using the gland supplied at the top of the probe.
- 3) To install the alarm panel, take the bracket supplied on the back of the unit and affix it where required ( NOTE: it is advised that the unit is not installed so that the sounder will ingress rain water)
- 4) Run the cable from the probe to where the alarm box will be secured and connect the twin core cable to the terminals in the panel marked +/- ( if and auxillary B.M.S. signal is required duplicate the connection to +/- terminals)
- 5) Install the power supply using 2amp MINIMUM  
L=Live (230vac)  
N=Nutrual (230vac)  
E= Earth

### Operation

To test the alarm, push the test button on the face of the alarm and hold for a short while, the alarm will then sound for 5 seconds.

When filling the tank to the specified capacity, the alarm will automatically sound and signal to the operator to stop filling the tank to avoid overflowing.

**When the alarm sounds you are required to reset the alarm by pressing the test button**

Please note this alarm is not classed as intrinsically safe.

Tel: 0116 2413172

Fax: 0116 2413367

e-mail: sales@metronfmc.com

Web: www.metronfmc.com

## MKVHR3 Universal Contents Gauge

Universal tank contents gauge for remote measuring ( up to 50 metres ). Suitable for rectangular tanks from 0.9 to 3.0m in height.



### INSTALLATION

- 1) Fasten the gauge to the wall by means tounes
- 2) Determin the K coefficient, taking consideration the height of the tank and the oil density. For heating oil = 0.84 = tank height. Adjust K value via screw on left side of gauge face.
- 3) After determination of the K coefficient the indicator must point to 0, otherwise adjust to point 0 via correction screw on lower face of the gauge.
- 4) Connect the gauge to the tank with the PE hose, paying attention to avoid any pinching or kinking of the hose, and ensure that the probe is at the bottom of the tank.
- 5) To obtain a precise reading, adjust the the reading on the dial by means of the K screw, when the tank is 100% full
- 6) To read the tank contents, pull down the pump knob untill the dial stops moving. With the indicator in a stable position, you read the tank contents on the gauge, displayed as a percentage of the total tank height.



Tel: 0116 2413172

Fax: 0116 2413367

e-mail: [sales@metronfmc.com](mailto:sales@metronfmc.com)

Web: [www.metronfmc.com](http://www.metronfmc.com)