



Waste Water Gauge Installation instructions

Your unit has been calibrated to suit a tank depth of mm. .

Installation 3/4" BSP Socket.

Fit the 3/4" compression fitting to the tank using thread seal tape – do not over tighten. Your unit has been factory calibrated to suit your tank so re-calibration should not be necessary.

Slide the sensor through the compression fitting *until the case moulding of the amplifier touches it*. Tighten the compression nut until it just grips the plastic sensor tube then tighten a further half turn.

This completes the fitting of the sensor.

Installation Universal fitting (Rubber bung)

Where a 3/4" BSP socket is not fitted to the tank an expanding rubber bung system is used. Choose a place where there is good access above the tank and using a hole saw, cut a 32mm hole. Remove all loose pieces of swarf and check that the hole has a reasonable finish. Insert the bung with the larger diameter on the outside of the tank.

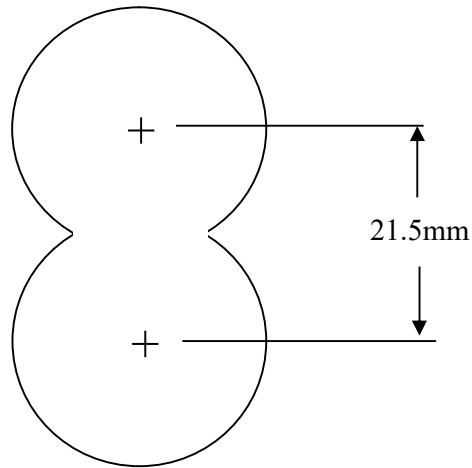
Lubricate the sensor tube using liquid soap then slide the sensor through the bung *until the amplifier case just touches the top face of the bung*. This should position the lower end of the sensor approximately 30-40mm from the bottom of the tank.

Your unit has been factory calibrated to suit your tank so re-calibration should not be necessary. This completes the fitting of the sensor.

Mounting the Gauge and Electrical Connection

The hole cut-out for the gauge is as per diagram.

Mark the hole centres 21.5mm apart or use the drill template on last page, then using a small drill make two pilot holes. Now using a 32mm (1 1/4") hole saw, cut out the two circles. Try the gauge and remove rough edges as necessary.

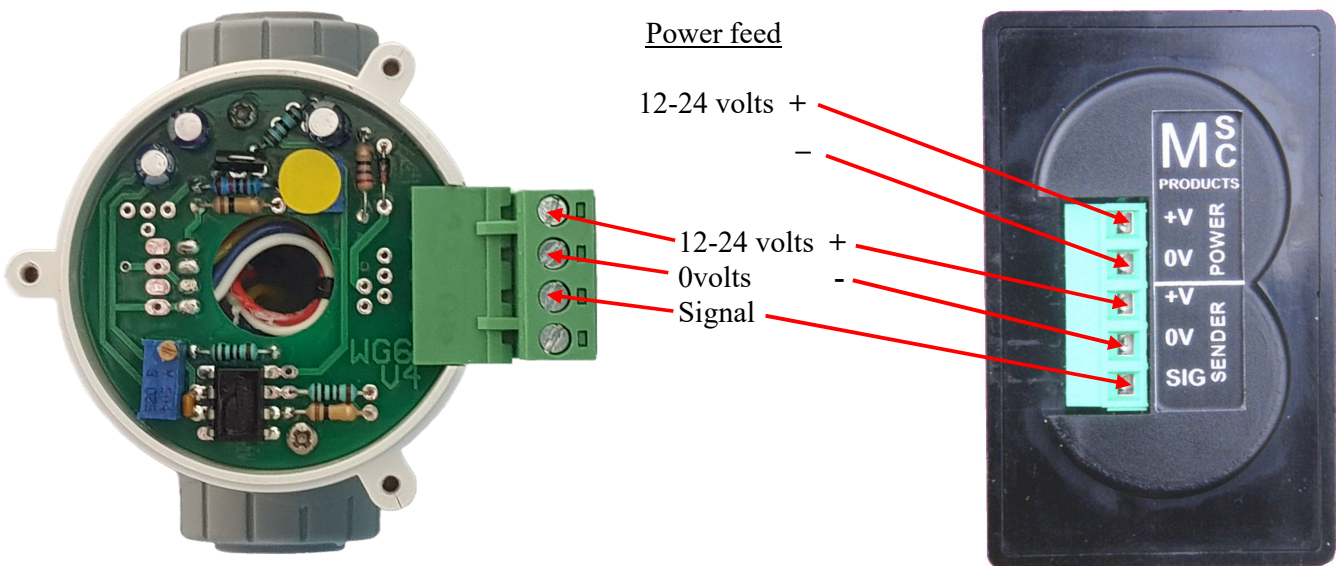


Electrical connection.

Connect the wires to the connector blocks as shown using a wire gauge that fits the blocks. Multistrand 0.5-0.75mm CSA is ideal as this is a gauge of wire that can be supported and attached mechanically. (Do not use single strand wire) Connect to a supply in the range of 12-24 volts. Insert the plug into the sender ensuring that the two retaining clips on the plug fit over the OUTSIDE of the socket. If the sender and gauge are a long distance apart only the 0 volts and signal need to be run between the sender and the gauge leaving the + & - supply to be fed locally to the gauge and the + supply to be fed locally to the sender.

Sender

Gauge



The unit will now be operational