



Zig Electronics

Water Level Gauge

Installation Instructions – Read these instructions completely before starting work

Installing the Probes

1. Mark two centres on the top of the water tank, 23mm (15/16") apart and drill two holes using a 8mm (5/16") drill.
2. Measure the overall length of the metal probes and pass them through the holes until they touch the bottom of the tank. Measure the length to determine the internal tank depth.
3. The recommended length of the probes is 85% of the internal tank depth measurement and any excess must be cut off from the bottom of each probe by securing them firmly in a vice and cutting with a hacksaw.
4. Install the probes by passing them through the holes. A smear of sealant can be used but is not essential.

Installing the Dial Assembly

1. Choose a suitable location for the dial. Ensure that there is clearance of at least 35mm (1.3/8") behind the panel.
2. Mark and cut out a rectangle 70mm long and 45mm high.
3. Pass the dial assembly into the rectangular hole and mark the fixing centres.

Making the Electrical Connections

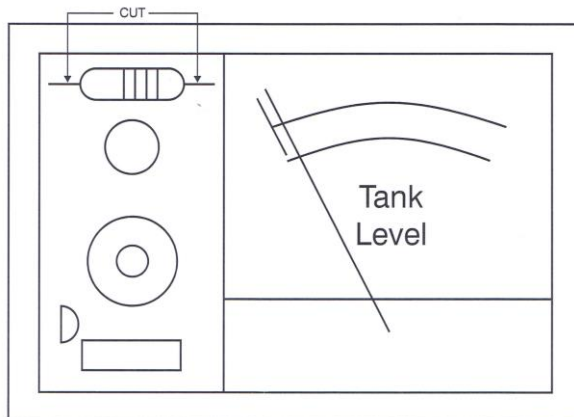
Before fixing the dial the following connections must be made:

1. Connect the red wire to a fused 12v supply.
2. Connect the black wire to a 12v negative supply (usually earth).
3. Connect the yellow wire to one of the yellow wires on the probe.
4. Connect the other probe yellow wire to 12v negative supply (usually earth). Note all cables can be extended as required using 32.02 or similar wire
5. The dial can now be installed using the screws provided.

Setting the Dial

1. Fill the water tank.
2. With the push button 'IN' adjust the thumbscrew marked set until the needle on the dial lays over the mark 'FULL'.
3. Your water gauge is now ready for use.

Short Probe Modification if Required (Probe less than 10" Long)



Remove Resistor by Cutting as shown above

P/No ZRM0652