TANK ALARM

INSTALLATION INSTRUCTIONS

Single tank

Select a suitable flat clean area on the top of the tank, as far away from the fill point as possible and drill a 30mm hole for the sensor to pass through, or fit the cable gland from the dome cover to a 1/2" BSP to 2" BSP bush if a 2"BSP socket is available on the top of the tank. Adjust the cable via the cable gland to position the float at the correct distance from the top of the tank to allow for the required safety warning space. (Do not fit the sensor assembly yet). Run the cable from the sensor assembly to the control unit, extending the cable as required using a suitable connector. (If the alarm is for low level indication remove the circlip at the bottom of the float assembly, invert the float and refit the circlip)

Fix the control box at the fill-point ensuring that the sounder is pointing downwards. Connect the 2-core cable to the two terminals marked SW. Fix the tank identification label behind the window of the control box and seal with adhesive tape.

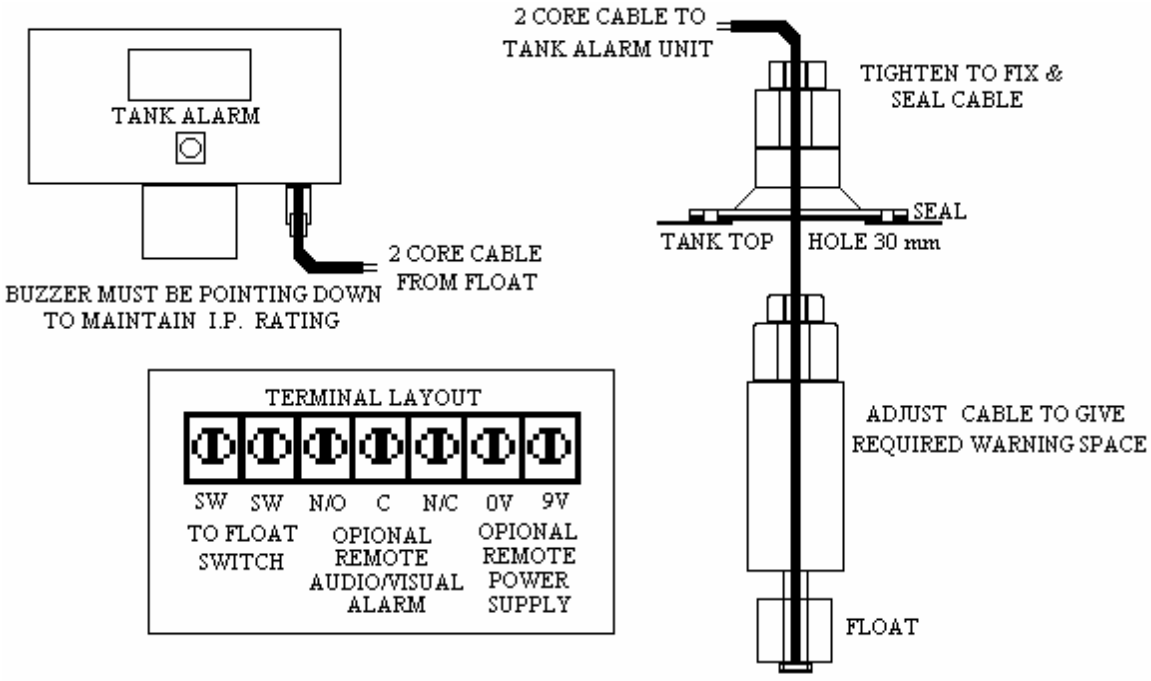
TESTING

Ensure that the float is in the down position. Fit the 9V battery. (**Important:** if the optional remote power supply is used do not fit the battery, or the alarm unit or power supply will be damaged)

Replace the cover. Press the test/mute button, the sounder should be activated. Raise the float to the alarm position and the sounder and L.E.D. should be activated. Press the test/mute button, the sounder should stop but the L.E.D. should continue to flash until the float has been returned to the down position (normal no-alarm position).

The sensor assembly can now be fitted to the top of the tank and screwed down through the two fixing holes in the dome cover. Apply sealing compound to the rubber seal, screws and cable gland as required, to prevent any ingress into the tank.

UNIT LAYOUT DRAWINGS



ORION
Alentec Orion Ltd UK