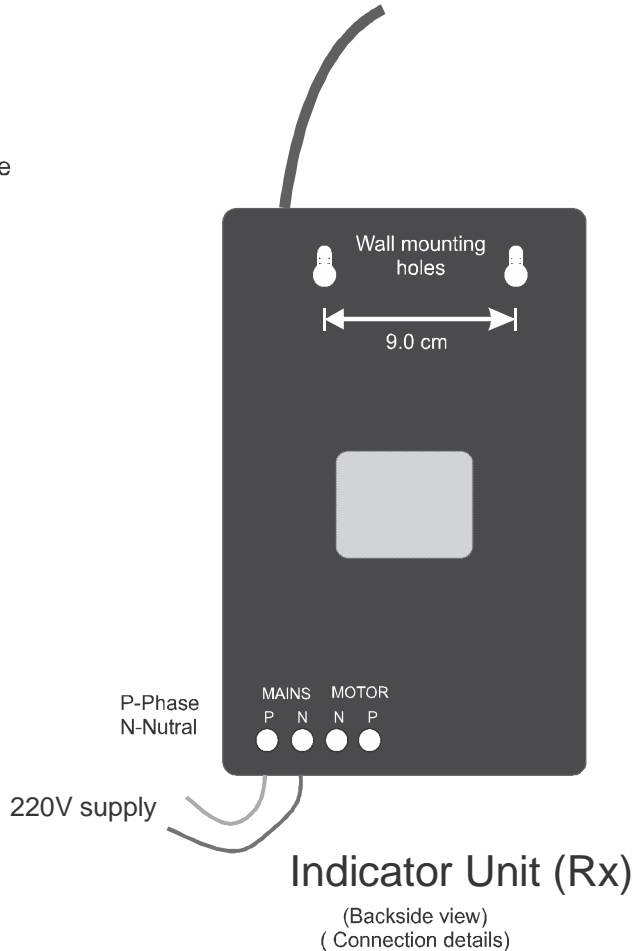


Installation guide of Fx-4i

Tools Required:

- 1) Electric Hand Drill machine
- 2) Masonry Drill Bit 6 mm.
- 3) Light weight hammer
- 4) Screw driver
- 5) Wire cutter/ stripper



Caution: The installation should be executed by a competent electrician.

Fig-1

Steps for installation of Indicator and level transmitter unit

1) Fixing Transmitter:

First of all the transmitter unit has to be fixed as per Fig-2. Separate arrangements has been shown in figure for overhead tank transmitter and underground tank level transmitter. Utmost care has to be taken not to cut/damage/ scratch sensor wires. Position the sensors as shown in Fig-2. The excess sensor wire may be coiled and pushed inside Blue Plastic Tube. A black protective flexibly tube is provided to place it properly to protect sensor wire from damage by closing the tank cover.

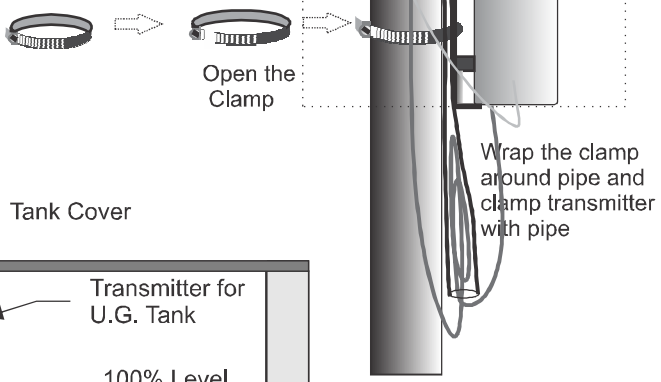
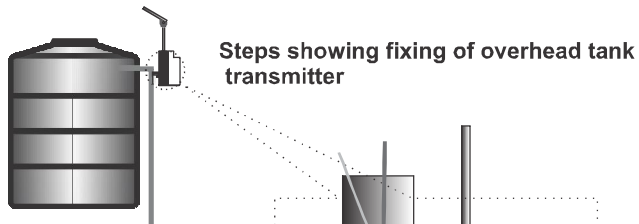
There are 2 short wires black and red color joint together. Cut/ break them apart so that the transmitter unit will start sending signal. After placing the sensors you have to get the tank full upto Full Level Sensor so that transmitter unit will calibrate the sensor. Now transmitter unit will send the data regarding water level of tank.

2) Finding location for Indicator Unit:

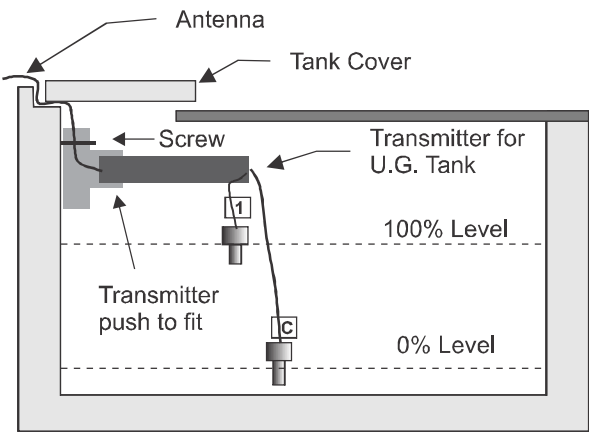
Make power supply connection to the indicator unit as per Fig-1 and switch on power supply. Now place the Indicator Unit (Rx) on the wall at desired place and hold it there by hand. Within 5 minute the indicator should get the signal. If It gets the signal, install the unit as shown in Fig-1. If its unable to get signal, change the location.

3) Fixing Indicator Unit:

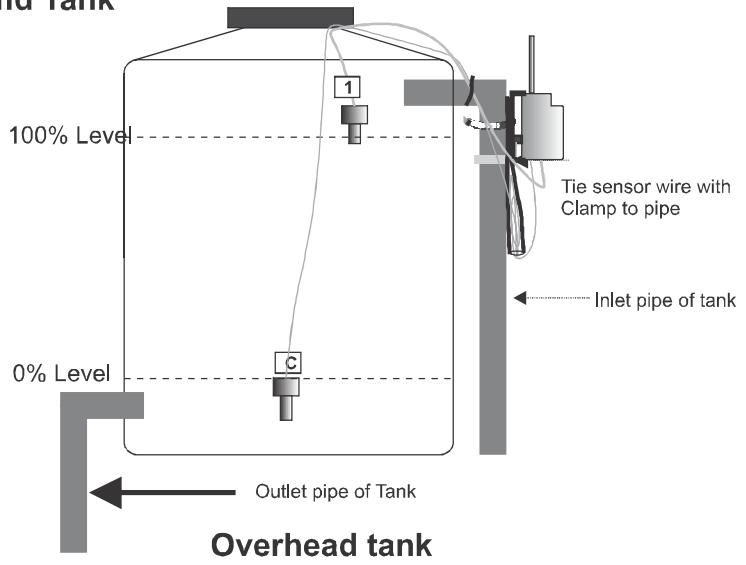
After finding suitable location, drill 2 holes 9 cm apart by a 6mm dia masonry drill bit. Now fix the wall mounting screw with plastic sleeve in the holes and mount the Indicator Unit.



Schematic showing arrangements of transmitters and its Level sensors



Under Ground Tank



Overhead tank

Fig-2