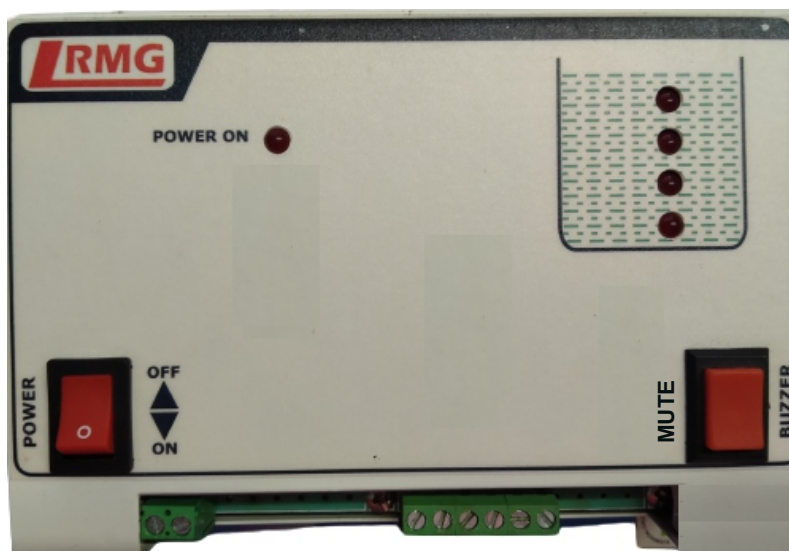


WATER LEVEL INDICATOR WITH ALARM

Model : WLI-040



User Manual

1. INTRODUCTION

Water saving is lifesaving. RMG Automation introduces highly economical model that has basic features in it. This Water Level Indicator shows four levels of tank 25%, 50%, 75% and 100%. It gives two different buzzer alarms when tank empty and tank full. This alarm helps to switch ON and switch OFF the motor pump manually thus prevents overflow of water.

2. DESCRIPTION

- **POWER ON/OFF Switch:** used to power ON/OFF the Indicator.
- **POWER ON LED:** It indicates the power supply to the unit.
- **LEVEL INDICATOR LEDs :** used to indicate water levels in tank. (WLI-040 has 25%, 50%, 75%, 100% indications)
- **BUZZER SWITCH:** used to mute the buzzer.

3. TOOLS REQUIRED

- 3 pair or 6 core communication cable.
- Drill gun
- Simple hammer
- Wooden gattas
- Screws for mounting units on wall
- Line tester
- Wire stripper,
- Insulation tape

4. INSTALLATION PROCEDURE

Caution: Switch off the main power while doing the Power Connection steps.

Step 1: Wall mount the Indicator unit nearby motor pump switch/starter location.

Step 2: Connect AC 230V to Red and Black wires of the indicator respectively (refer figure 1)

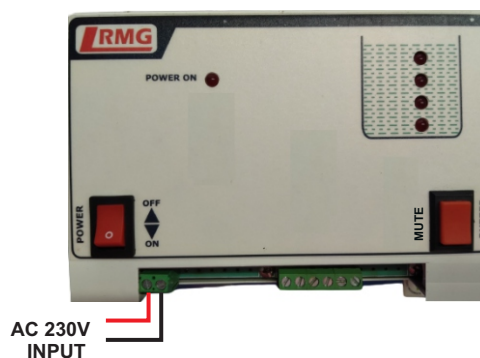


Figure1: Power connection

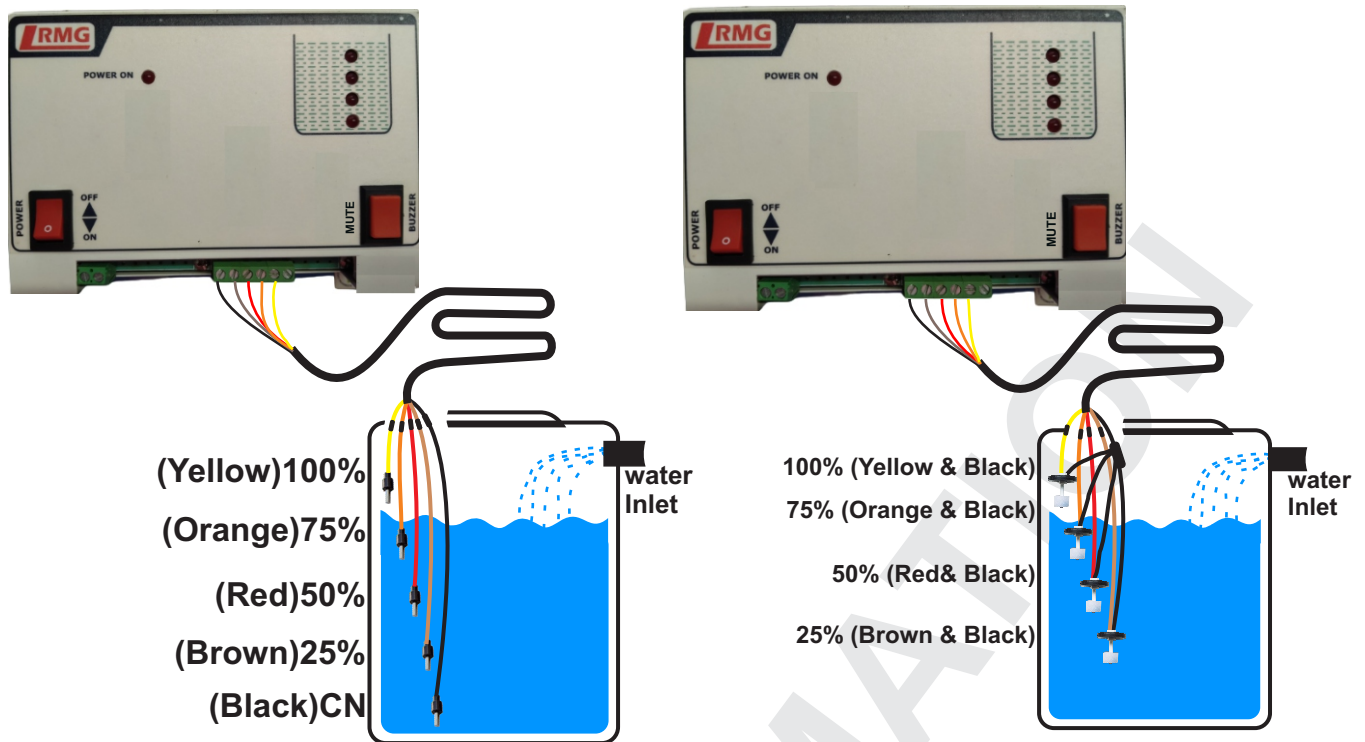


Figure2: Contact type sensor connection Figure3: Magnetic float sensor connection

Note: In case of doubts please call 044 - 43180017 or What's App 9940594413 from Monday to Saturday 10 am to 6 pm.

Step 3: Lay 6 core cable between indicator and tank. Join one end of the 6 core cable to sensor line of the indicator. In tank side, **Contact type sensor connection:** Take the sensors and cut them according to the levels of tank and join them with the 6 core cable as per label coded. (Refer figure.2). **Magnetic float sensor connections:** These sensor has 2 wires. Use any one wire in each sensor as common. Other wires left in each can be used for levels. Join them with 6 core cable as per label coded. (Refer figure.3)

Step 4: Immerse the Sensors inside the Over Head Tank (OHT) and tape it. Sensors should be in 25%, 50%, 75% and 100% of tank. This completes installation.

5. OPERATING PROCEDURE

- Switch on the Power ON/ OFF button of indicator.
- Power ON LED will glow.
- Depending upon the water level in tank, level indicator LEDs will be ON.
- When all the tank level LED indications are OFF (which means tank is empty), a slow beep buzzer alarm will be heard.
- When all the tank level LED indications are ON (which means tank is full), a fast beep buzzer alarm will be heard.
- Buzzer can be muted using MUTE button.

6. TROUBLE SHOOTING METHODS

S. No.	Error	Solutions
1	Device dead / Not Powered ON	a. Check the power connection wires for loose contacts. b. If problem continues, act RMG Automation for support
2	Tank level indicator LEDs are off	a. In the indicator unit, join common terminal with a small wire to other terminals one by one and verify the tank LEDs are glowing. This means the indicator unit is fine. b. Check the cables between indicator and tank for cable breakage. If so correct it. c. Check common sensor and other sensor connections are correctly made. If any loose contacts correct it..