

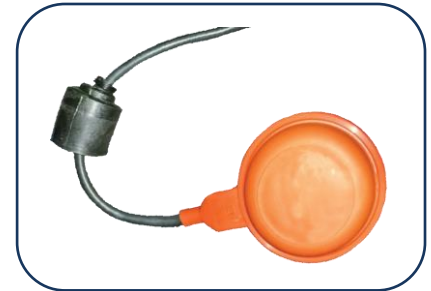
CABLE FLOAT LEVEL SWITCH

INTRODUCTION :-

LEHRY Cable float switch effectively monitor and controls water/liquid level in the Overhead tanks, Underground tanks, Sumps, Wells etc. It prevents Overhead tank from overflow and also over pumping of Sump, Well etc. It allows the user to be free from the botheration of switching the electric pump ON / OFF and makes water / liquid level available round the clock.

BENEFITS :-

Cable float switch prevents pump running when Sump is empty, Low voltage, High voltage and dry run situation, thus avoiding damage to motor resulting increased availability, cost saving in electricity and maintenance.



Available Length Size :-

- | | |
|-------------|--------------|
| ❖ 2 Meters | ❖ 20 Meters |
| ❖ 3 Meters | ❖ 25 Meters |
| ❖ 5 Meters | ❖ 50 Meters |
| ❖ 10 Meters | ❖ 100 Meters |
| ❖ 15 Meters | |

FEATURES :-

- 1) Fully Automatic Operation
- 2) Rated temperature = 120 deg.c
- 3) Unbreakable up to 5-8 tonnes of continuous pressure
- 4) Water proof
- 5) Cable length 2- 100 meters as per customer requirement.
- 6) Highly durable.
- 7) High quality Indian branded cable like poly cab, excellent, reliance etc
- 8) 1 year replacement warranty.
- 9) Colours available blue, yellow, super orange, blood red
- 10) Environment friendly.
- 11) 3 core cable highly tensile strength
- 12) Switch Rating 16 AMPS 240 VAC
- 13) 100 mm DIA size easy to Installation
- 14) Long life Weather proof.
- 15) Tested 11 Number of times
- 16) Used in Chemical, Pharma, Oil, Water treatment plant, Sewage water etc

Insturctions for installation:-

Run the cable of water switch throught the cable hole in the counter weight and fix it on the cable by tightening the screw on the counter weight. Adjust the position of the counter weight according to the height of the water column (Low Level and Height Level) to be controlled automatically. Install the cable and extend it to the motor or controller (WC9526B if controller is to be used) as appropriate.

Follow electrical connection as furnished in this manual. Please ensure that the wire that is not connected is properly insulated and that the possible cable joint is not immersed in the water. Insert the water switch assembly in the tank.

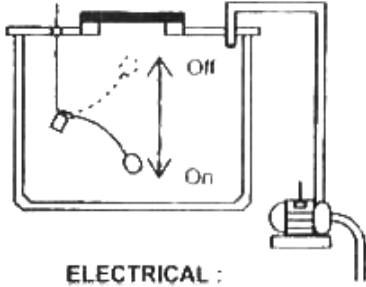
Check the cut " Off" and "On" operation by lifting the water switch to higher and lowe levels.

Automatic Tank Filling:-

Fig - 1

Motor Off -

Motor On -

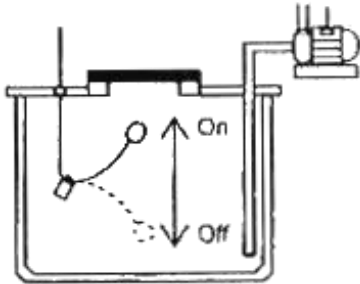


Connect **RED** & **BLACK** Wire Only. Insulate Un-used **GREEN** Wire

Fig - 2

Motor On -

Motor Off -



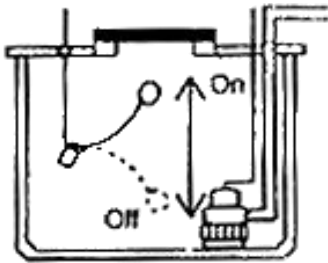
Automatic Tank (or Well) Emptying and / or Pump Protection for Tank (or Well Low Level)

Connect **GREEN** & **BLACK** Wire Only. Insulate Un-used **RED** Wire

Fig - 3

Motor On -

Motor Off -



Pump Protection for Tank (or well) Low Level and Automatic Tank (or Well) Emptying – Submersible Pumps Application

Connect **BLACK** & **BLUE** Wire Only. Insulate Un-used **RED** Wire

Electircal Connections : -

| Waterswitch | On | Off | Wires |
|-------------|------|------|-------------------------------|
| Fig 1 | Down | Up | RED and BLACK |
| Fig 2 | Up | Down | BLACK and GREEN |
| Fig 3 | Up | Down | BLUE and GREEN |

Lehry Instrumentation & Valves Pvt. Ltd.,

"Lehry Chambers" #78 (Old No: 51)Sembudoss Street,
P.B No.1506, Parrys, Chennai - 600 001.

Phone : 044 25226995/25225185/25226187/42163823/
42625620/42625621. Fax : 044 25231715

Email : info@lehry.com / Website : www.lehryvalves.com

Branches : Chennai, Bangalore, Hyderabad, Mumbai, Noida, Pune