

# FLO10

controlX

## Fully Automatic Water Level Controller With Dry-Run Protection

User Manual

Type	Auto ( Start - Stop )
Operating Voltage	180 ~ 240 V AC
Output Type	Phase / Neutral
Max Motor Load	15 Amp / Upto 2 HP
Compatibility	Single Phase Motors
Sensor Config	3 OH Tank + 2 UG Tank

**SMPS**  
AC~VDC

**1WATT**  
ECO 

Manufactured & Marketed By Ecmae Engineering Co.  
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**18 MONTHS**  
GUARANTEE

[www.controlx.in](http://www.controlx.in/terms-and-conditions)  
/terms-and-conditions

# Guaranteed 1000 Days of Maintenance Free Operation

## Anti-Scaling Pulse

Safeguards the sensors against  
Salt deposits and corrosion,  
Ensuring maintenance free  
Sensor operation for years.



Prevents false motor operation by measuring the  
Water level every 30 sec's, reducing accidental  
Motor activation caused from splashes and water waves.

**MODE  
SELECTOR**

**DRYRUN  
PROTECTION**

**INSTANT  
TOP-UP  
BUTTON**

**STATUS  
LED'S**



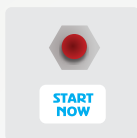
**MANUAL  
AUTO  
SWITCH**

**INPUT**

**TANK  
SENSORS**

**MOTOR  
OUTPUT**

## INSTANT TOP-UP BUTTON



Starts the motor immediately  
And automatically stops it  
When the tank gets full

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## MODE SELECTOR



**SEMI AUTO**  
Manual Start - Auto Stop

**FULLY AUTO**  
Auto Start - Auto Stop

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## DRYRUN PROTECTION



**OFF**  
Use case scenario.  
1. Underground tank not present  
2. Submersible pumps

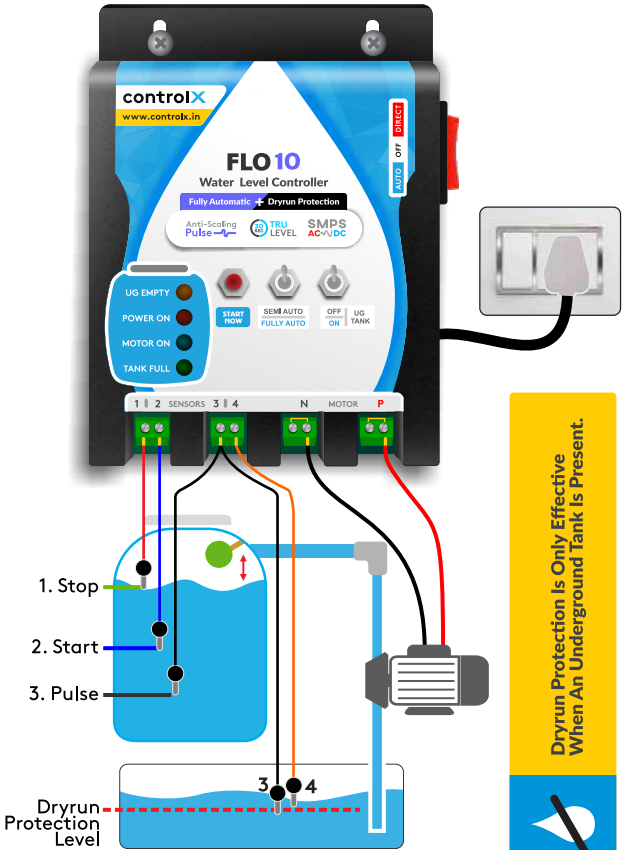
**ON**  
When connected with an  
Underground tank,  
Enables dryrun protection

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## MANUAL AUTO SWITCH



**DIRECT** - Manual Mode  
**OFF** - Main Power Off  
**AUTO** - Automatic Mode



Dryrun Protection Is Only Effective When An Underground Tank Is Present.

## Important Notes

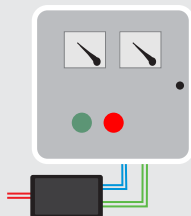
- Install in a clean area, protect from water & dust.
- Stop level should be lower from the ball valve /inlet.
- Water should not fall directly onto the sensors.
- Dryrun Protection Level should be above the inlet pipe.

## SETTINGS

- Use the manual/auto switch and put the device in auto mode.
- Use mode selector toggle switch and put the device in the required mode.
- If an underground tank is connected ,turn ug tank toggle switch to on Else turn it to off.
- Press start now button to test. The motor should Start instantly and automatically stop when the tank gets full.

## Compatible Cards For Submersible Panel

- **CC-SUB**  
Submersible Panel Control Card
- **CC-SUB-LVP**  
Submersible Panel Control Card  
With Low Voltage Protection  
Threshold - 200v



**Submersible Panels Require An Additional Control Card.**