

## TECHNICAL SPECIFICATION

Contracting rating	: (Potential free)
System operating voltage	: 150V AC to 280V AC
Low voltage cutoff	: 170V AC
High voltage cutoff	: 250V AC
Auto/Manual	: Enable automatic or Manual Operation
Power consumption	: << 4 watts
Operating Temperature	: -5° C to + 100° C
Initial time delay	: 30 sec
Dry run time delay	: 90 sec
Level Sensing	: Pure AC signal
Overall dimension	: 170mm(H) X 150mm (W) X 60mm (D)
Mounting	: Wall Mounting
Warranty	: 1 Year

*Any Custom Build Models &  
GSM Controllers Also Available*

## APPLICATIONS

Residential Buildings | Industrial Buildings | Apartments | Drinking Water System  
Domestic Water System | Hospital, Hotel | Bulk Storage Tanks

## Office Address



**SRI ELECTRONICS AND EMBEDDED SOLUTIONS**  
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## SRI ELECTRONICS AND EMBEDDED SOLUTIONS

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### Automatic Water Level Controller with Indicator

*Lets Make Every Drop Count*



Bore System



GSM Mobile Starter



Timer System

More than 10,000 installations nation-wide benefitting from reliability & accuracy of **SEES** devices.  
Save Water, Save Power, Save Money



Sump System



Installation Sump

## OUR SERVICE IN:

All Over INDIA

Head Office: Coimbatore

# ABOUT US

SRI Electronics and Embedded Solutions,Coimbatore is an Manufacturer and Wholesalers having a specialized Experience in the field of Fully Automatic Water Level Controllers and Indicators in Coimbatore. There are many installations in various applications like homes, hostels, factories, apartments, commercial buildings, new buildings, hospitals, schools and colleges.

SRI Electronics and Embedded Solutions,Coimbatore is an organizations engaged in whole sale suppliers of all electronics components and all types of development boards reputed manufacturers, service provider, suppliers and retailers of a vast array of Industrial automation Boards ,Embedded Development Boards, Development boards, VLSI Boards, RFID Readers, Interfacing boards, Electronic sensors, wired and wireless communications, Motors and drivers ,Robotic kits, Electronic Counters, Electronic Timers, Electronic Components, Electronic Kit,Educational Products, sensors, Switches ,Customized microcontroller based Industrial and Educational projects.

## PRODUCTS INFORMATION:

### 1. SUMP TO OVERHEAD TANK (SEES-S)

#### FEATURES

High reliability and Low maintenance. Automatic Water Level Controller TIC-S can be used for a long time, no maintenance or repairing would be Required during its operational period. Low AC Voltage sensing circuit to avoid polarization of electrodes in water. These special stainless steel plastic moulded conductive electrodes are Long life sensors and do not require frequent cleaning or replacement. Overflow prevention system provides effective and reliable Water level monitoring, with Level Indicators.

#### SUITABLE FOR

1) Mono Block Pumps (Sump Motor), 2) Submersible pumps, 3) Jet Pumps, etc..,

### 2. BOREWELL TO OVERHEAD TANK (SEES-B)

Automatic Water Level Controller For Single Phase Submersible (bore well) Pumps Panel Driver (Single phase to three phase). This is a unique device for submersible Pump Up to 2.5 HP Capacity. Our submersible panel drive is the most suitable device for start/Run capacitors Panel Driven Water Pumps. It increases the life of motor to work for year. Application Like Residential Buildings, apartment's, Commercial Complexes, Industrial Buildings, Hotels, Hospitals and Etc.

#### SUITABLE FOR

1) Bore well submersible pumps, 2) Jet Pumps

### 3. TIMER WITH CONTROLLER (SEES-TM)

This is totally a special Deluxe Model which has the function of TIC-BTA With etc., in built timer. This model is used only for the borewell motor where the water source is very less. Water comes for 10 or 15 minutes & again source starts after 1hour or 2hour & as actual. This model can be tuned to MOTOR ON from 2.5 minutes to 1hour & MOTOR OFF from half an hour to 10 hours. is good, motor will be on up to motor on time tuned as actual.

### 4. Water Level Indicator

This Model indicates 4 levels of overhead tank only. If water reaches 100% of OVER HEAD TANK this model gives continuous alarm directing to put OFF the motor & if water comes below 25% of OVER HEAD TANK, it gives continuous alarm directing to put on the motor. To put OFF the alarm, Press MUTE soft touch button.

### 5. MOBILE Starter (SEES-GSM)

SEES-GSM is a GSM Mobile based remote control system exclusively for the use with water pump sets in agriculture areas. The need of Raita Mitra arised from the routine problems faced by the farmers in operating the pump. They are, fluctuations in power supply, difficult terrain, fear of animals on the way to pump house, hazardous locations of the pumps along the river or water storage beds, shock hazards, rains etc.

#### FEATURES:

##### How It Works :

Automatically starts the motor when the water level in the over head tank drops below a pre-defined level (normally 50%) and switches off the motor at tank full or the sump water level drops below foot valve level.

#### Dry Run Protection

Due to faulty foot valve or air leakage in the pipe if the motor runs dry then it gets switched off automatically and gives fault indication. For more details please watch video demo.

#### High/Low Voltage Cut-off

Automatic Water Level Controller SEES automatically switches-off the pump if the supply voltage drops below 160V or Crosses 250V.

#### Surge protection

Built in surge protection is the Main features of SEES series.

#### Need

The Optional Need soft switch is provided to Switch on the motor irrespective of the water level in over head tank.

#### Toggle Bypass Switch

The optional rocker switch is provided to bypass system operation in case of system failure. so no need to disconnect the system when it gets failed. Manual mode is used to Draw the water directly from the pump for activities like car wash, front area wash, tank cleaning, watering the plants Etc...

#### Power ON/OFF Switch.

Small rocker switch to select Power On/Off operation.

#### Models of float switches

