



**N ELECTECH**  
TECHNOLOGY FOR EVERYONE

# N ELECTECH Product Catalogue

Sales Department | N ELECTECH



# Pump Controller Product Group

Our Products are manufactured with ultimate precision with High Quality Grade components



3Phase Pump Controller

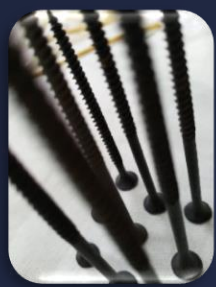


Timer Switch (7Amp) ~ac

Auto OFF  
Timer Switch (4Min- 1.2Hrs)

Our Products are manufactured with ultimate precision with High Quality Grade components





Passive Coated Anti-Corrosive Screw



Nickle Plated Stainless Steel Contact



Magnetic Float Sensor



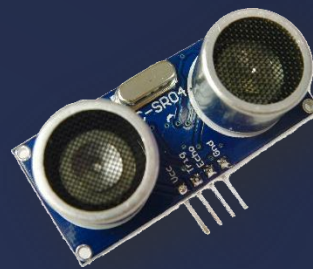
Ball Float Sensor



Water flow Hall Sensor



433MHz Transceiver Sensor



Ultra-Sonic Sensor



GSM Mobile based Sensor



Wi-Fi based Sensor

Contact Type Sensor

Non-Contact Type Sensor

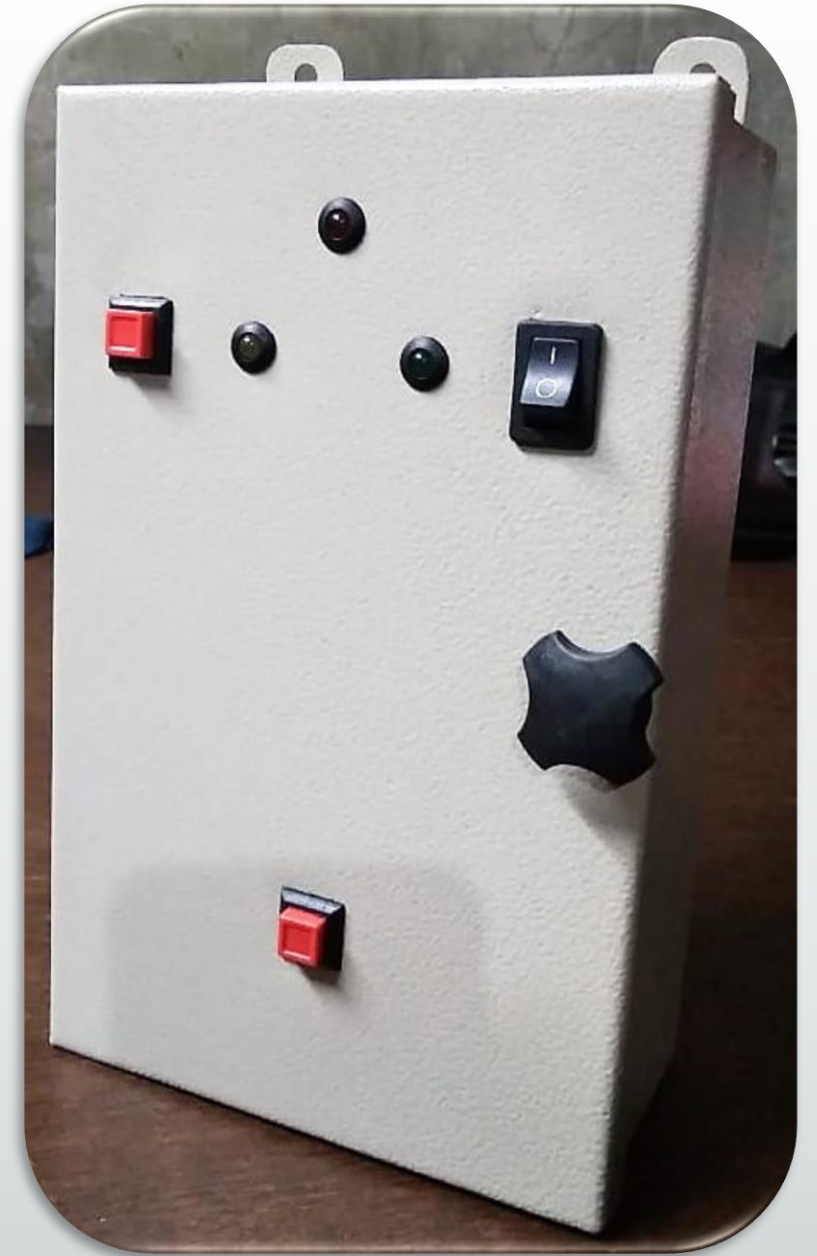
Wireless Sensor

# Sensor Product Group

Our Sensors are manufactured with ultimate precision with High Quality Grade components

# NAV-PC80A (0.5 to 3.0) hp

- SMART AND AUTOMATIC
- MOTOR & PUMP SAFETY
- HIGH/LOW - VOLTAGE/CUR SAFETY
- AUTO START / STOP
- SAVE WATER & ELECTRICITY
- OVERHEAD TANK SENSOR
- UNDERGROUND TANK SENSOR



# NAV-PC80AO (0.5 to 3.0) hp

- SMART AND AUTOMATIC
- MOTOR & PUMP SAFETY
- HIGH/LOW - VOLTAGE/CUR SAFETY
- AUTO START / STOP
- SAVE WATER & ELECTRICITY
- OVERHEAD TANK SENSOR
- UNDERGROUND TANK SENSOR
- **CONTROLS** EXISTING OTHER NORMAL PUMP CONTROLLER
- For both 2phase and 3phase pump controller



# NAV-PC8oAF (0.5 to 3.0) hp

- SMART AND AUTOMATIC
- MOTOR & PUMP SAFETY
- HIGH/LOW-VOLTAGE/CUR SAFETY
- AUTO START / STOP
- SAVE WATER & ELECTRICITY
- OVERHEAD TANK SENSOR
- UNDERGROUND TANK SENSOR
- **WATER FLOW SENSOR**
- **(MUNCIPALITY / SUPPLY WATER SENSOR)**





# NAV-PC8oASC (0.5 to 3.0) hp

- SMART AND AUTOMATIC
- MOTOR & PUMP SAFETY
- HIGH/LOW-VOLTAGE/CUR SAFETY
- AUTO START / STOP
- SAVE WATER & ELECTRICITY
- OVERHEAD TANK SENSOR
- UNDERGROUND TANK SENSOR
- **FOR SUBMERSIBLE PUMPS**
- **With Analog Ampere Meter**





# NAV-PC8oASCD (0.5 to 3.0) hp

- SMART AND AUTOMATIC
- MOTOR & PUMP SAFETY
- HIGH/LOW-VOLTAGE/CUR SAFETY
- AUTO START / STOP
- SAVE WATER & ELECTRICITY
- OVERHEAD TANK SENSOR
- UNDERGROUND TANK SENSOR
- **FOR SUBMERSIBLE PUMPS**
- **With digital Volts and Ampere**



# NAV-PC8oPH<sub>3</sub> (0.5 to 10.0) hp

- SMART AND AUTOMATIC
- MOTOR & PUMP SAFETY
- HIGH/LOW-VOLTAGE/CUR SAFETY
- AUTO START / STOP
- SAVE WATER & ELECTRICITY
- OVERHEAD TANK SENSOR
- UNDERGROUND TANK SENSOR
- **FOR 3 PHASE SUBMERSIBLE PUMPS**
  - **With digital Volts and Ampere**
  - **With Single Phase Protection**
- **FOR 3 Phase Motors**





Manufactured

India

Technology

German

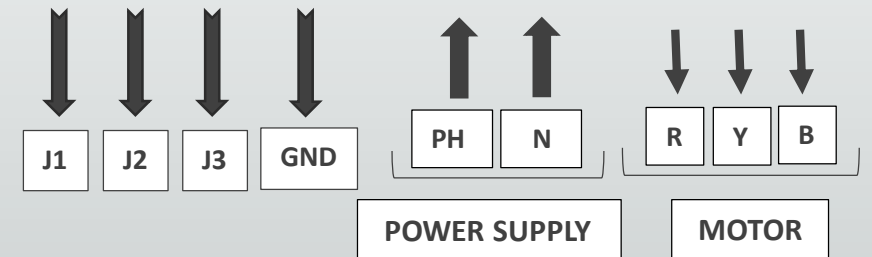
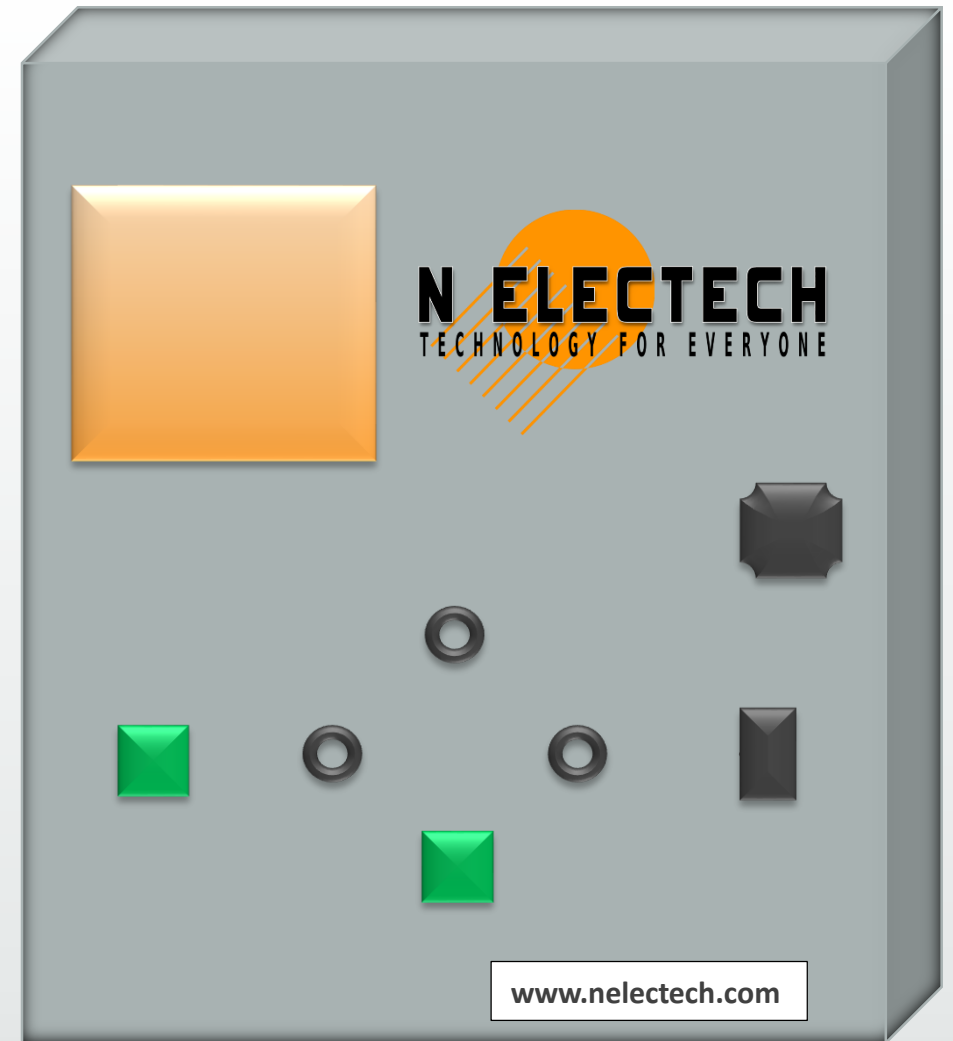
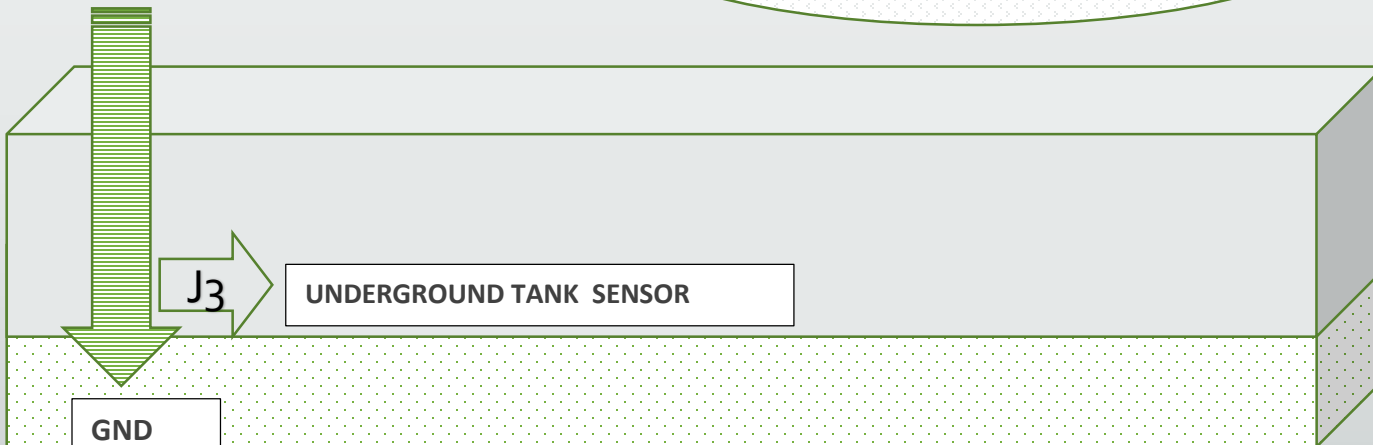
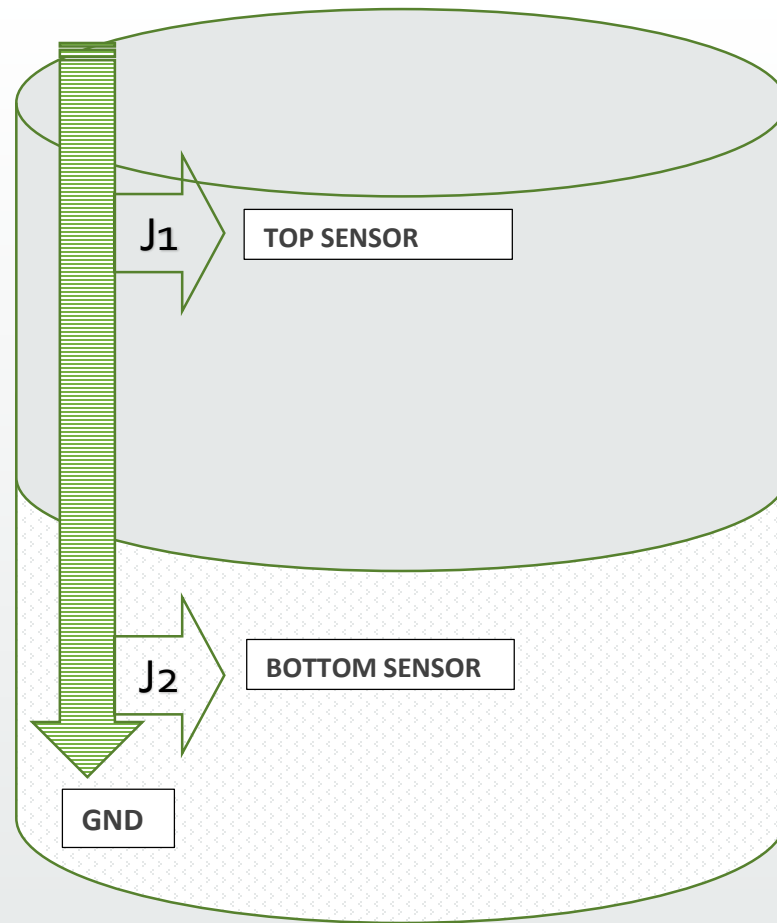
Components

USA

**NAV-PC80A-AO-AF-ASC-AT-PH3 (PUMP CONTROLLER)**

# NAV-PC

## Installation Diagram of Submersible Pump Controller







### Contact Based Sensor

- Green Passive Coated Non Corrosive Screw
- 50 microamp



### Contact Based Sensor

- Nickle Plated Stainless Steel Contact Pins
- 50 microamp



### Non Contact Type Sensor

- Magnetic Float Sensor
- Limit switch type contact



### Non Contact Type Sensor

- Ball Type Float Sensor
- Limit switch type contact



### Non Contact Type Sensor

- Water Flow Hall Sensor
- Rotary flow sensor

## Contact and Non-Contact Type Sensors



### 433MHz Sensor

- High frequency transmitter is installed at Tank and the Signal is received at Pump Controller



### Ultra Sonic Sensor

- High frequency sound waves detect the level of water and send the real-time water level to Pump Controller



### GSM Mobile Based Sensor

- GSM Mobile can start and stop the motor using Call or SMS



### Wi-Fi Based Sensor

- This sensor can detect the water level and give the signal to Pump Controller
- This also can be used to start the Pump using Computer or Mobile App

**Wireless Type Sensors**

## **NAV-PC80A**

## **NAV-PC80AT**

1. This Model can sense overhead and underground tank and start and stop automatically based on water level in both the tanks.
2. NAV-PC80AT can switch off the Pump after predefined 4 Minutes to 1 Hours.
3. Timer Switch –Automatically switches off after predefined 4 Minutes to 1 Hours



## NAV-PC80AF

1. This Model can sense incoming water from Municipality or Supply water.
2. It starts automatically when it senses incoming water supply and stops when the overhead tank is full or when the incoming water supply stop.



## **NAV-PC80A-AO-AF-ASC-AT**

1. It automatically starts and stops as per the requirement in automatic mode.
2. It automatically senses the minimum voltage and maximum voltage for safe operation of the pump motor.
3. It saves electricity and water.
4. The user will not have to worry about the safety of motor or adequacy of water.
5. The automatic pump controller automatically senses the water level in overhead tank and underground tank.
6. It has inbuilt dry run protection feature to safe guard the pump motor.
7. It can restart automatically whenever there is requirement of water and simultaneously checks the voltage and current for protection of motor.
8. We give 1 year fully replaceable warranty and thereafter service with a minimal charge of technician visit.
9. All the customer and dealer data are stored online. ([www.nelectech.com](http://www.nelectech.com))
10. Customer can register complaint about service online on our website and his service call will be attended as soon as possible within 48 hours.



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