# TIME BASED

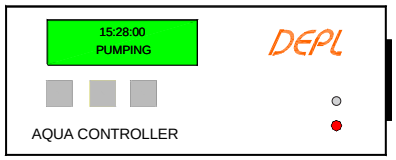
*( Useful for Pumping Corporation Water Supply )*

- Real Time Based Pump Activation
- Water Level Indicator ( 4 stage )
- In Built Electronic Clock ( 24 Hr. format )
- User settable 8 Pump Time settings
- Programmable pumping parameters
- Retains settings in the absence of power
- User friendly menu selection
- Internal battery back up
- Protection against Dry running of pump / Prevents overflow from tank
- Pumping & Tank / Process status reporting on backlit LCD + Audible Signals to indicate Inlet Dry, Tank ????, Tank Full
- Maintenance Free Sensors
- On line Sensor check
- Generates report for last Pumping Action
- Easy to install
- Saves Water & Electricity
- Suitable for Online / Ground water / Underground Tank pumps

Programmable

DEPL

# WATER PUMP CONTROLLER




## Ensures peace of mind

No More Sleepless Nights for WATER

## Maintenance Free Sensors

# INFLOW BASED

*( Useful for Pumping Corporation Water Supply )*

- Auto activation whenever water comes in the supply line
- Water Level Indicator ( 4 stage )
- In Built Electronic Clock ( 24 Hr. format )
- Programmable pumping parameters
- Retains settings in the absence of power
- User friendly menu selection
- Internal battery back up
- Protection against Dry running of pump / Prevents overflow from tank
- Pumping & Tank / Process status reporting on backlit LCD + Audible Signals to indicate Inlet Dry, Tank ????, Tank Full
- Maintenance Free Sensors
- On line Sensor check
- Generates report for last Pumping Action
- Easy to install
- Saves Water & Electricity
- Suitable for Online pumps

Ensures Water Supply by automatically switching ON the Pump at **PRESET TIME** and switching OFF when water is not available (after retry) / overhead tank is full / lapse of pumping duration

Automatically switches ON the Pump **when there is Water in the supply line** and switching OFF when water is not available (after retry) / overhead tank is full / lapse of pumping duration

| | | | |
|---|---|---|---|
| **Dimensions** | 21 x 10 x 4.5 cms | **Sensor Voltage** | 5 VDC |
| **Weight** | 1.00 kg (app.) | **Sensor Type** | Conductive |
| **Power** | 1 watt | **Operating Voltage** | 200 - 240 VAC |

All specifications are subject to change without prior notice

## Process of Pump Control

**Pump** can be **controlled** thru the **Water flow** at the **O / H Tank Inlet *OR* Level** in the **Sump**

## TIME BASED

The Pump Operating Logic ( w.r.t. water flow at the O / H Tank Inlet ) is

- Set the pumping time ( max. 8 settings )
- Pump is switched on at the preset time
- Priming is done for 2 minutes * (see foot note)
  - If water is not available, pump is switched off, it shall retry 2 times at intervals of 6 minutes
  - Else if water is available, pumping continues till any of the conditions are met
    - Tank full or
    - Max. pumping time of 60 min. is over
  - While pumping, if water supply stops, then pumping is stopped & shall retry 2 times at intervals of 8 minutes.

The Pump Operating Logic ( w.r.t. water level in the Sump ) is

Having set the Pump On timings, the pump is switched on at preset time & continues, **irrespective of the flow of water at the tank inlet but subject to availibility of water in the Sump**, till the max. pumping duration is over or the tank is full or manually stopped thru S.P.I. or level goes down in the sump.

## INFLOW BASED

The Pump Operating Logic ( w.r.t. water flow at the O / H Tank Inlet ) is

- Pump is switched on whenever water comes in the supply line
- Priming is done for 2 minutes * (see foot note)
  - If water is not available, pump is switched off, it shall retry 2 times at intervals of 6 minutes
  - Else if water is available, pumping continues till any of the conditions are met
    - Tank full or
    - Max. pumping time of 60 min. is over
  - While pumping, if water supply stops, then pumping is stopped & shall retry 2 times at intervals of 6 minutes.

DADMATRAC Electronics ( P ) Ltd., DEPL House, 33 Udyog Vihar, Phase I, Gurgaon - 122 016.
admin @ dadmatrac.com ( Mobile +91 98 104 94100, +91 98 112 80810 ) www.dadmatrac.com

* Pumping parameters are as per the default values & can be programmed as per requirement