

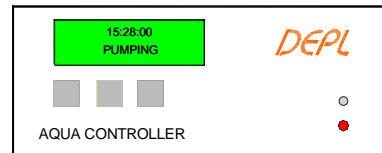
# TIME BASED

Programmable

# DEPL

# LEVEL BASED

## WATER PUMP CONTROLLER



- 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

- Activation at preset water level
- Water Level Indicator ( 4 stage )
- Programmable pumping parameters
- Retains settings in the absence of power
- User friendly menu selection
- 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
- Easy to install
- Saves Water & Electricity
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### Ensures peace of mind

### No More Sleepless Nights for WATER

### Maintenance Free Sensors

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

Ensures Water Supply by automatically switching ON the Pump at **PRESET LEVEL** and switching OFF if sump level is low (after retry) / overhead tank is full / lapse of pumping duration

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

All specifications are subject to change without prior notice

### Also available for De-watering Control

Used for pumping out water from the underground tank. This is also level based, pump is automatically switched ON when the tank gets filled up & switched OFF when the low level is reached.

## Process of Pump Control

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

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 8 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.

## TIME BASED

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 availability 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.

## LEVEL BASED

The Pump Operating Logic is

- # Set the activation level ( 1/4, 1/2 or 3/4 )
- # Pump is switched on when the O / H tank level falls below the activation level.
- # If the Sump has water
  - # Priming is done for 2 minutes
  - # If water is not available at the tank inlet, pump is switched off, to retry after every 6 min.
  - # 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 Or
    - # Sump goes dry
- # Else if Sump is dry then it shall retry @ 15 min. till the time sump has water

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