

Water Level Controller With Voltage Protection



Model Name: EWA

EWA, the microcontroller based water level controller from Avench Systems is a general purpose solution for monitoring and maintaining water levels in a variety of applications. Using Avench Systems' proprietary Altersense technology, the product reliably checks and maintains the level of water in storages, thereby avoiding wastage of water and electricity. EWA boasts of its high quality electronics, robust controlling software and unique features, all packed in a compact enclosure. EWA is one of the smallest of its kind available in market. EWA is also a protection device for water pumps providing over/under voltage protection. While operating in its automatic mode, EWA functions with minimal user intervention, making it a fit-and-forget device.

- Compact elegant design
- Fully automatic and manual modes
- Dry run protection
- Over/under voltage protection
- Surge protection
- Anti- corrosive sensing technology
- Easy installation and Low maintenance
- Audio and visual indicators
- 1 year replacement warranty

SPECIFICATION

Input: 230V/50Hz Single phase

Under voltage cutoff threshold: 170V

Over voltage cutoff threshold: 270V

Output: 230V/20A

Sensors:

- Level sense : Single SS316 Grade stainless steel electrodes
- Dry sense : Dual SS316 Grade stainless steel electrodes

Galvenic isolation: Yes

Dry run sensing delay: 3 minutes

LED indicators :

- Power status : Red
- Abnormal voltage : Yellow
- Dry run : Amber
- Motor start ON : Green

Buzzer:

- Heart beat pulse: Beeps every 30Sec when motor is ON
- Dry sense: Alert

Mode switch: Manual/Automatic

Unit Dimensions:

100mm(L) 65mm(X B) 56mm(X H)

APPLICATION

WLC is suitable for single phase pumps at:

Residential buildings/complexes
Hospitals
Factories
Hotels and Restaurants
Commercial buildings



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emphasis on embedded

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