

ORP Controller Wall Mount Display



Continuous online monitoring and control for any aqueous solution to accommodate a range of sensors

The ORP controller (DWA-3000A-ORP) Wall mount microprocessor has been built and designed to provide years of trouble free online operation

It is designed to be mounted on a wall and is engineered to be connected and calibrated to various levels of ORP sensors – See probes later in this specification

This ORP controller features fully automatic temperature compensation (Displayed on screen) and accuracy to within 1mV,

Control

When control of ORP is required, this controller features a high and low relay output contact, or 4-20mA output which can be utilised to control chlorine dosing pumps or ozone generation which can utilise ORP control

Alarms

When indication of alarms is required the DWA-3000A has a high / high alarm and a Low /low alarm which can be connected to warning lights or audible alarms to ensure an operator checks on the plant

Probe Cleaning Output

The added feature that this controller has, compared to others in the market is a probe clean relay output, which can be utilised to control a solenoid for air or water jet cleaning of the probe surface. (Especially useful in waste / industrial water plants)

| Specifications | |
|----------------|--|
| MODEL | DWA-3000A-ORP |
| Channel | Single Channel |
| Range | + - 1500 mV Display Resolution 1 |
| Power | AC 110/240v 50/60Hz |
| Accuracy | 1 mV |
| Response Time | 60Seconds (90%) |
| Analog Output | Isolated 4-20mA DC |
| Digital Output | RS-232C, RS485 |
| Relay Output | High,High / High / Low / Low,Low / Clean |
| Relay Voltage | Volt free 5A @24VDC / 5A @ 240VAC |
| Display | Trend Graph Backlit LCD Colour |
| Humidity | Max 90% (Non Condensing) |
| IP Rating | IP64 |
| Size | 240mm(W) x 180mm(H) x 115 (D) |
| Installation | Wall or Pipe Stanchion |

| ORDERING INFORMATION | |
|----------------------|---------------------------|
| PART NUMBER | DESCRIPTION |
| 4131300ORP | Wall Mount ORP Controller |