

DO (Dissolved Oxygen) Controller Wall Mount Display



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

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

It is designed to be mounted on a wall and is engineered to be connected and calibrated to two types of DO probes. – See probes later in this specification

This D.O controller features fully automatic temperature compensation (Displayed on screen) and accuracy to within 1% of full scale,

Control

When control of DO (dissolved oxygen) is required, this controller features a high and low relay output contact, or 4-20mA output which can be utilised to control aerators or air injection pumps

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-DO
Channel	Single Channel
Range	0-20mg/L - Resolution 0.01
Power	AC 110/240v 50/60Hz
Accuracy	1% of Full Scale
Response Time	120 Seconds (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
41313001DO	Wall Mount DO Controller