

DO (Dissolved Oxygen) Controller Panel Mount Display



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

The DO basic Dissolved Oxygen controller (DWA-2000A-DO) Panel mount microprocessor has been built and designed to provide years of trouble free continuous online operation,

It is designed to be only mounted in a panel and is designed 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

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-2000A-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	None
Relay Output	High / Low / Cleaning
Relay Voltage	Volt free 5A @24VDC / 5A @ 240VAC
Display	Measuring Value (7 Segment)
Humidity	Max 90% (Non Condensing)
IP Rating	IP54
Size	96mm(W) x 96mm(H) x 125 (D)
Installation	Panel Mount Only

ORDERING INFORMATION	
PART NUMBER	DESCRIPTION
413120001DO	Basic Panel Mount DO Controller