



PPDO6000 Controller With USB Feature

pH & Optical Dissolved Oxygen (DO) Dual Channel Analyzer

High accuracy and reliable pH & Optical Dissolved Oxygen dual channel analyzer providing better compliance and process control.

Applications



Power Industry



Boiler Water



Wastewater



Aquaculture

In A Glance...

Leadtec PPDO6000 & PPDO800 dual-channel controllers offer an unrivaled user friendliness in measurement of pH and Dissolved Oxygen (DO) using optical luminescence. Its minimalistic design offers the most convenient operation than any analyzers.

The operation and calibration can be performed easily with a friendly step-by-step interface.

From wastewater to aquaculture, our controller is very practicable in many situations thanks to flexibility for different ranges of measurement.

Besides, the controller is well-equipped with analogue output and Field Bus Connection RS-485 communication.

Benefits

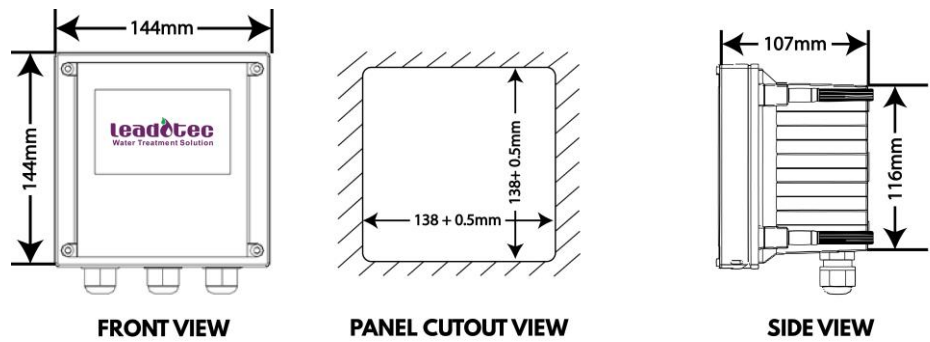
- ❖ Robust & reliable: Highest level of waterproof and dustproof analyzer for site measurement and easy installation.
- ❖ Less is more; Having just the essential features are better than having way too much of superfluous things.
- ❖ Intuitive operation; Step-by-step navigation facilitates the user to configure the analyzer and calibrate the sensor.
- ❖ Clean-cut display; Neat and organized functions allow zero hassle operation.

Specifications

Measuring Range	pH -2.00 to +16.00 pH Dissolved Oxygen (Optical) 0.00 – 20.00 ppm 0.0 – 200% sat.	Multifunctional Relay	Clean / Period Alarm / Error Alarm
Resolution	pH 0.01 pH Dissolved Oxygen (Optical) 0.01 ppm 0.1%	Relay Delay	0 to 120 seconds
Accuracy	pH ±0.01 pH Dissolved Oxygen (Optical) ±0.02 ppm ±0.2%	Fieldbus Connection	RS-485 Modbus
Temperature Probe	NTC 10K	Baud Rate	9600 / 19200 / 38400
Temperature Range	-10.0°C to +60.0°C	Protection Class	IP65
Temperature Resolution	0.1°C	Display	LCD dot matrix
Temperature Accuracy	±0.2°C	Language Selection	English Others upon request
Ambient Temperature	0°C to +70°C	Electrical Connection	90 to 260 VAC or 24 VDC Power consumption <5W
Analogue Output	2 x 4-20mA electrically isolated, Max load 500Ω Current 1 pH Current 2 Dissolved Oxygen	Data Logging Capacity	500,000
Control Outputs	2 x Relay Outputs 1 x Multifunctional Relay	USB Function (PPDO6000 only)	Data extraction Software update
Max. Relay Contacts Capacity	5A/250 VAC 5A/30 VDC	Dimensions	PPDO6000 144 (H) x 144 (W) x 105 (D) mm
Cleaning Setting	ON : 1 to 1000 seconds OFF : 0.1 to 1000.0 hours	Panel Cutout	PPDO6000 138 x 138 mm
		Weight	PPDO6000 0.85 kg
		Installation	Panel / Wall / Pipe mount

Dimensions

6000 Series



Design outlook subjected to change without prior notice.

Dimensions of PPDO6000

Order Code

Part No.	Description
PPDO6000	Dual Channel pH & Optical Dissolved Oxygen IP65 Panel / Wall / Pipe mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, RS-485 Modbus, and 1 x USB slot for data extraction and software update. Power supply: 90~260 VAC
PPDO800	Dual Channel pH & Optical Dissolved Oxygen IP65 Panel mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, and RS-485 Modbus. Power supply: 90~260 VAC
PPDO6000-24VDC	Dual Channel pH & Optical Dissolved Oxygen IP65 Panel / Wall / Pipe mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, RS-485 Modbus, and 1 x USB slot for data extraction and software update. Power supply: 24 VDC
PPDO800-24VDC	Dual Channel pH & Optical Dissolved Oxygen IP65 Panel mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, and RS-485 Modbus. Power supply: 24 VDC