



MA6000 Controller With USB Feature



MA800 Controller

## 0/4 – 20mA Input Analyzer

High accuracy and reliable mA Input analyzer providing better compliance and process control.

## Applications



**Power Industry**



**Food & Beverages**



**Drinking Water**



**Municipal Water**



**Wastewater**



**Disinfection**



**Process Water**



**Agriculture**

## In A Glance...

Leadtec MA6000 & MA800 controllers offer unrivaled user friendliness to accept 0/4 - 20mA input sensors from all brands. 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

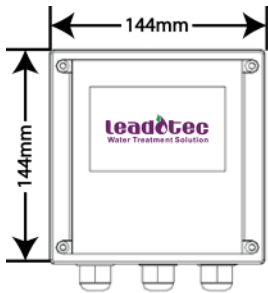
- ❖ Robust & reliable: Highest level of waterproof and dustproof analyzer for site measurement and easy installation.
- ❖ Less is more; Having just the essential features are better than having way too much of superfluous things.
- ❖ Intuitive operation; Step-by-step navigation facilitates the user to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

# Specifications

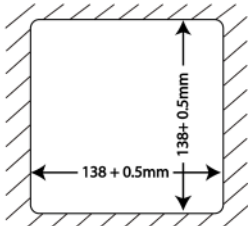
Measurement Input	0.00 – 20.00 mA 4.00 – 20.00 mA	Baud Rate	9600 / 19200 / 38400
Measurement Range	±9.999 ±99.99 ±999.9 ±9999	Protection Class	IP65
Measurement Resolution	0.001 0.01 0.1 1	Display	LCD dot matrix
Current Resolution	0.01 mA	Language Selection	English Others upon request
Ambient Temperature	0 °C to +70 °C	Electrical Connection	90 to 260 VAC or 24 VDC Power consumption <5W
Storage Temperature	-20 °C to +70 °C	Data Logging Capacity	500,000
Analogue Output	1 x 4-20mA electrically isolated, Max load 500Ω	USB Function (MA6000 only)	Data extraction Software update
Control Outputs	2 x Relay Outputs 1 x Multifunctional Relay	Dimensions	MA6000 144(H) x 144(W) x 105(D) mm  MA800 108(H) x 108(W) x 140(D) mm
Max. Relay Contacts Capacity	5A/250 VAC 5A/30 VDC	Panel Cutout	MA6000 138 x 138 mm  MA800 92 x 92 mm
Cleaning Setting	ON : 1 to 1000 seconds OFF : 0.1 to 1000.0 hours	Weight	MA6000 0.85 kg  MA800 0.55 kg
Multifunctional Relay	Clean / Period Alarm / Error Alarm	Installation	Panel / Wall / Pipe mount
Relay Delay	0 to 120 seconds		
Fieldbus Connection	RS-485 Modbus		

# Dimensions

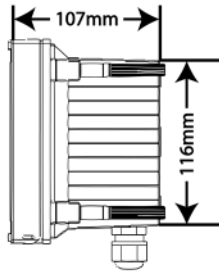
6000 Series



FRONT VIEW

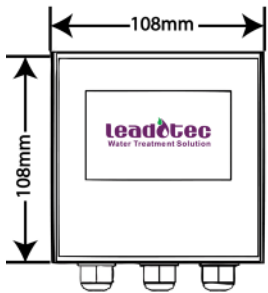


PANEL CUTOUT VIEW

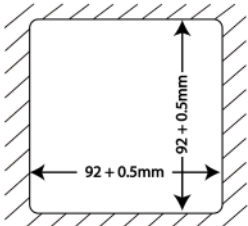


SIDE VIEW

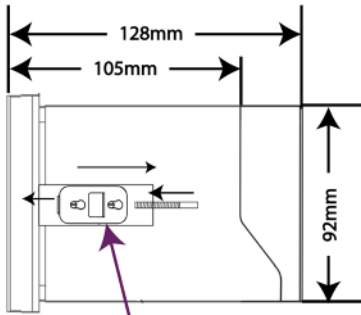
800 Series



FRONT VIEW



PANEL CUTOUT VIEW



SIDE VIEW

Design outlook subjected to change without prior notice.

Dimensions of MA6000 and MA800

# Order Code

Part No.	Description
MA6000	0/4 – 20mA Input IP65 Panel / Wall / Pipe mounted base analyzer fitted with 1 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
MA800	0/4 – 20mA Input IP65 Panel mounted base analyzer fitted with 1 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, and RS-485 Modbus. Power supply: 90~260 VAC
MA6000-24VDC	0/4 – 20mA Input IP65 Panel / Wall / Pipe mounted base analyzer fitted with 1 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
MA800-24VDC	0/4 – 20mA Input IP65 Panel mounted base analyzer fitted with 1 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, and RS-485 Modbus. Power supply: 24 VDC