

pH Indicating Controller cum Transmitter MS pH 97



FEATURES

- Advanced Embedded Microcontroller Based Design
- Panel Mounting
- Easy Front Key Calibration
- Auto / Manual Temperature Compensation
- LED indication for relay status
- Set Point 4 Nos (Special Logic)
- 4 digit, 14mm High Intensity Red LED Display
- pH Sensor Slope Indication (Healthiness of pH Sensor)
- 4 to 20 mA DC Isolated Output
- RS 485 Isolated Output (Optional)

DESCRIPTION

MicroSet pH Indicating Controller Transmitter Model MS pH 97 is used for various industrial applications. MS pH 97 is a convenient and cost effective solution for monitoring and maintaining pH value. It can accept input from any pH sensor. MS pH 97 output is in the form of Analogue 4-20 mA DC or MODBUS RS 485 RTU (Optional). Online pH indication provided through LED is easily readable. 2 Nos Relay Outputs are provided to operate Alarm, Solenoid Valve, Pump etc. 4 Nos Setpoints for Relays can be programmed using Frontal Keypad.

TECHNICAL SPECIFICATION

pH Range	: 0 - 14 pH
Temperature Range	: 0 to 149.9°C
pH Resolution	: 0.01 pH
Temperature Resolution	: 0.1°C
pH Accuracy	: ±0.01pH
Temperature Accuracy	: ± 1°C
pH Repeatability	: ± 1 LSB
Display	: 4 Digit, 14 mm Red LED
Set Point	: 4 Nos (Special Logic)
Calibration	: 2 Point / 3 Point
Output	: 2 Isolated Relays (230 V AC / 5 A)
Retransmission Output	: Isolated 4-20 mA DC (Isolated RS 485 Optional)
Temperature Compensation	: Auto (PT-100)
	Manual (Adjustable 0 to 149.9°C)
Power Supply	: 230 V AC ±10%, 50 Hz
Enclosure MOC	: ABS
Dimesnions	: 96 x 96 x 65 mm
Weight	: 0.48 kg

APPLICATION

Water Treatment Plant (WTP) Effluent Treatment Plant (ETP) RO Water Plant Hydroponics Textile Industry Beverages / Food Industry Scrubber Application Steel Industry Wastewater Treatment Plant (WWTP) Sewage Treatment Plant (STP) Power Plant Chemical Industry Paper & Pulp Pharma Industry Pigment Industry Aqua Culture



DIMENSIONAL DIAGRAM



PANEL CUT OUT DIMENSIONS

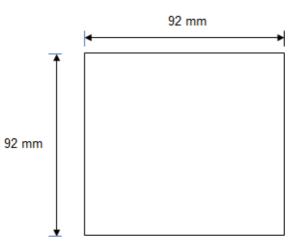


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