

pH Indicating Controller cum Transmitter

MS pH 97

FEATURES

- Advanced Embedded Microcontroller Based Design
- Wheatear proof
- Easy Front Key Calibration
- Auto / Manual Temperature Compensation
- LED indication for relay status
- Set Point – 4 Nos (Special Logic)
- 4 digit,1 inch 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, 1 inch Red LED
Set Point	: 4 Nos (Special Logic)
Calibration	: 2 Point / 3 Point
Output	: 2 Isolated Relays (230 V AC / 7 A)
Retransmission Output	: Isolated 4-20 mA DC for pH (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.
Mounting	: Field Mounted
Dimensions	: 120x200x75 mm