

ORP Indicating Controller cum Transmitter

MS ORP 91

FEATURES

- Advanced Embedded Microcontroller Based Design
- Panel Mounting
- Easy Front Key Calibration
- LED indication for relay status
- Set Point – 4 Nos (Special Logic)
- 4 digit, 14 mm High Intensity Red LED Display
- 4 to 20 mA DC Isolated Output
- RS 485 Isolated Output (Optional)

DESCRIPTION

MicroSet ORP Indicating Controller Transmitter Model MS ORP 91 is used for various industrial applications. MS ORP 91 is a convenient and cost effective solution for monitoring and maintaining ORP value. It can accept input from any ORP sensor. MS ORP 91 output is in the form of Analogue 4-20 mA DC or MODBUS RS 485 RTU (Optional). Online ORP 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

ORP Range	: ± 1999 mV
ORP Resolution	: 1 mV
ORP Accuracy	: $\pm 0.2\%$ of Range
ORP Repeatability	: ± 1 mV
Display	: 4 Digit, 14 mm Red LED
Set Point	: 2 Nos (Special Logic)
Calibration	: 1 Point
Output	: 2 Isolated Relays (230 V AC / 7 A)
Retransmission Output	: Isolated 4-20 mA DC for ORP (Isolated RS 485 Optional)
Power Supply	: 230 V AC $\pm 10\%$, 50 Hz
Enclosure MOC	: ABS.
Mounting	: Panel Mounted
Dimensions	: 96x96x65 mm