



Panel-mounted ORP Digital Controller – mV600-single setpoint, on/off control, single analog output

Description

The product is a real time microprocessor-based ORP controller. It provides accurate measurements, flexible ON/OFF or proportional control capabilities.

mV600 Series ORP Controller's FEATURES/BENEFITS:

Display

- Large LCD with 4 ½ 17 mm digits and 3 ½ 10 mm digits.

Fail Safe Alarm System

- Hanna's exclusive Fail Safe Alarm System protects against problems caused by power supply failure or signal interruption, which are typical risks in industrial environments. An alarm condition is indicated by a red LED, located directly on the front panel of the controller.

Differential Input

- In a system with poor grounding, it is possible to have a ground current flowing through the reference junction. This can cause a rapid degradation of the electrode. The Hanna differential input reduces the likelihood of ground loops.

Proportional Control

- Slows the pump down when the measured ORP level approaches the set value, which ensures precise dosage and avoids costly waste of chemicals due to overdosage.

Analog Output

- To enhance troubleshooting and the ability to record data while monitoring, simply attach a recording device to the instrument's 4 to 20 mA output contacts, conveniently located on the front panel, to obtain a hard copy of the results on demand.

PC Connectivity

- RS232C port allows for connection to a PC. Data transmission from the instrument to the PC is possible with the HI 92500 Windows® compatible application software offered by Hanna Instruments.

Custom Programs

- Hi-tech microprocessor puts a host of variables at your disposal to fine tune your process, save on chemicals and meet regulatory requirements.

Good Laboratory Practice (GLP)

- calibration date and time and the mV calibration points used

Relays

- 1 or 2 output relays for low conductivity or high conductivity dosage (COM, NO and NC contacts) and 1 output relay for alarm condition (COM, NO and NC contacts)

Calibration

- Automatic 1 or 2 points at 0, 350 and 1900 mV.

Input

- ORP electrode with BNC connector.