

ENCHLOR

SERIES 1500 Vacuum Monitor

- **Continuously monitors system vacuum**
- **Three Alarm Relays**
- **Digital display of vacuum**
- **4-20mA Output**



The Series 1500 is a full-featured vacuum monitoring system. The system uses the latest in integrated circuit technology, which allows a compact design, accuracy and reliability. The Series 1500 features both high and low vacuum detection, separate high, low and latch alarm relays, three digit display of vacuum in inches of Hg., LED status indicators and an analog output. The high and low alarm levels are user adjustable along with a variable delay timer. The enclosure has a NEMA 4X rating; therefore it can be mounted outside. Applications include loss of chlorinating in water and wastewater treatment, pool pump monitoring, automotive test equipment and many others.

Input voltage: 115V 60 Hz @ 0.1 amps
Alarm relays: NO\NC Type
240VAC@ 5 amps resistive
115VAC @ 5 amps general
30V DC @ 5 amps general

Enclosure: NEMA 4X rated
Vacuum range: 0 to 30 in. Hg.
Low alarm range: 0 to 15 in. Hg.
High alarm range: 15 to 30 in. Hg.
Over pressure: 50 PSI.
Delay timer: 1 to 100 sec.
Analog output:
voltage: 0 to 3 VDC.
current: 0 to 3 ma DC.

Reset switch: IP 65 protection
External connectors: IP 68 protection

Indicators:
vacuum: 3 digit LED display
alarms: 3 LED High/Low/Latch
polarity: 1 LED for pressure

Temperature range (system):
storage: -30 C to 70 C
operating: -20 C to 50 C
vacuum temp: -40 C to 50 C

Humidity: Relative 0 to 90% non-condensing