Cerlic
for cleaner water

pHX - ReX

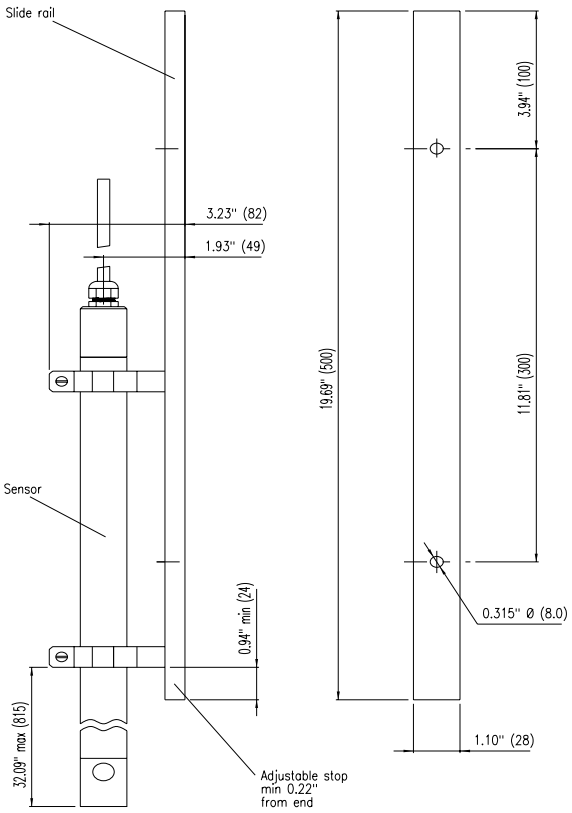
pH and ORP Sensors

- **Accurate and stable output signal** New Digital electronics
- **Wide application range**
  Heavy duty SS sensor holder for operating in corrosive environments
- **Easy to use**
  New SS Slide rail assembly for easy
- **Low maintenance**
  Field replaceable electrode
  Smart calibration
  Automatic flushing with locked output during flush installation and servicing of sensor

pHX and ReX Immersion Sensors are intended for applications in waste water treatment plants, industrial process sewers, etc. The sensors are based on digital electronic with RS485 communication to our new **BB2** control box. All settings are made from the **BB2** control box using a three-button panel. Two PHX/ReX sensors (or other Xseries sensors) can be connected to a single **BB2** control box, which provides two independent and isolated 4-20 mA outputs. Two relay outputs are used for high/low alarms or to control a solenoid for flushing of the electrodes. The **BB2** control box is built with the ability to add an interface board for future fieldbus communication to support up to 4 sensors. Sensors are easily conntected to the **BB2** control box with simple plug & play connections.

Technical Data

Input	High impedence pH/ORP-input with BNC connector
Measuring ranges	
pHX	0-14
ReX	-2,000 to +2,000 mV
Sensor cable	33' (10 m) polyurethane cable with M12 connector.
Cable length	330 ft (100 m), maximum
Linearity	+/- 1.5 % Full Scale
Accuracy	+/- 1.5 % Full Scale
Isolation	Max 500 Volt.
Temperature range	+32...+140 ^{0}F (0... +60 °C)
Dimensions	1.125" Ø x 43"(28 Ø x 1080mm)
Material	316SS - sensor housing PVC - membrane protective cover & cable connector
Enclosure	NEMA 4X (IP 65)
Optional Eqpt	1) SS Slide rail mtg bracket 2) 33' & 100' extension cables 3) Flushing nozzle w/solenoid valve



Cerlic's product line contains sensors for measuring and monitoring your process. Our instruments are used in municipal waste water & water treatment plants, industrial and pulp & paper process control. The development of our BB2 product line is the result of increasing demand for instrumentation that is reliable, accurate and durable.

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Cerlic Environmental Controls Inc.
P.O. Box 420097 Atlanta, GA 30342 Ph. 404-256-3097
www.cerlic.com e-mail info@cerlicusa.com

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