



BB2

Universal Control Box for all Cerlic X-type Sensors



- **Multiple functions**
Supports two Cerlic X-series sensors
- **Easy to use**
Simple three-button panel
User-friendly software
Field upgradeable
- **Sturdy design**
Built-in heater for outdoor installations
1/2" npt connections
- **Plug & play**
No wiring required
Sensors pre-calibrated at factory

The BB2 is a powerful control box

that can support a combination of two different sensors, measuring dissolved oxygen, suspended solids or fiber consistency simultaneously. Weighing less than 3 lbs, the BB2 is distinguished by a three-button panel used to navigate the intuitive software. The plug & play capabilities of the BB2 ensure an easy installation. Calibration is performed in just a few simple steps. The unit is designed with cutting-edge digital technology and software, making the BB2 easily upgradeable in the field and ensuring that the customer has the latest software revisions. The control box comes standard with two 4-20mA outputs. It also features an expansion slot for a protocol board that

enables the unit to utilize the most recent digital communication protocols. The self-maintenance features of the BB2 further enhance its value in the plant. A built-in heater protects the unit against cold weather conditions. Relay outputs in the BB2 are used for high and low alarms or to provide a pulse for automatic cleaning.

Options and accessories

Mounting plate with sun shield for wall or handrail mounting.

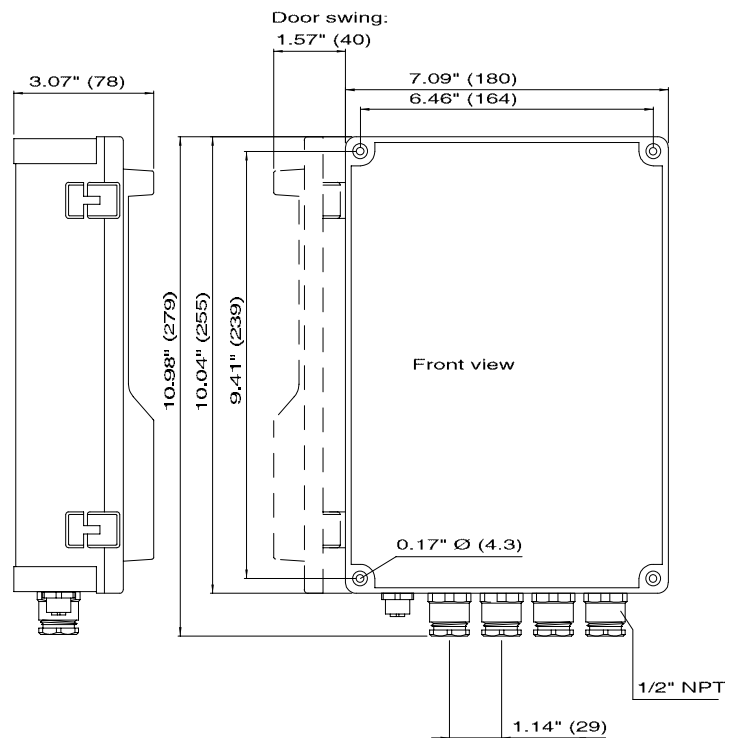
Y-splitter for connecting two sensors

Solenoid valve for flushing.

Plug-in board for digital communication protocol (Profibus, etc.)

Technical Specifications

Weight	2.8 lbs (1.3 kg)
Supply Voltage	85 - 265 V 50 - 60 Hz
Power Usage	20 WATTS / (0.2 Amps)
Ambient temp	-4...122 °F (-20...+ 50 °C) (built-in heater)
Enclosure	IP65 (NEMA 4X)
Connected sensors	Displayed on the screen at start-up
Output signal	
Analog	Two 4/20 mA, galv. isolated, 500 ohms
Digital	Fieldbus (option)
Alarm/cleaning	Two relays, selectable function
Connections	1/2" npt or 0.3-0.45"Ø compression fittings
Sensor cable	33ft (10m) length



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.

