

Universal Control Box for all Cerlic X-type Sensors



- Multiple functions
 Supports four 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 and fiber consistency simultaneously. Weighing less than 3 lbs, the BB2 is distinguished by a threebutton 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 cuttingedge digital technology and software, making the BB2 easily upgradeable in the field and ensuring that the customer has the latest software revisions. The BB2 is equipped with the latest in communication protocols for compatibility with a wide array of automation systems.

The control box comes standard with two 4-20mA outputs. It also features an expansion slot for a protocol card that enables the unit to utilize the most recent digital communication protocols. The selfmaintenance 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.

Module 2 extra outputs Connection box for 2 or 4 sensors Solenoid valve for flushing.

Technical Specifications

Weight 1.3 kg (2.8 lbs) Supply Voltage 85 - 250 V

50 - 60 Hz

20 W/ Power Usage

(0.2 Amps)

Ambient temp -20...+ 50 °C

(-4...122 °F)

(built-in heater)

Enclosure IP 65 (NEMA 4X) Connected sensors Displayed on the

screen at start-up

Output signal

Analog Two 4-20 mA,

galv. isolated,

450 ohm

Profibus (option) Digital

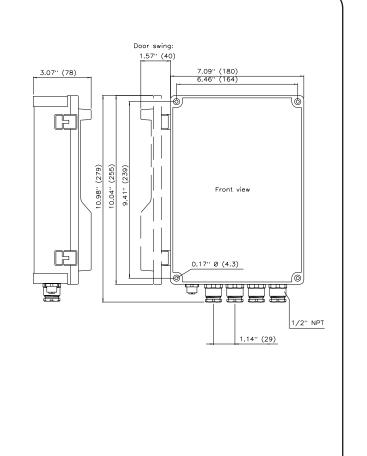
Alarm/cleaning Two relays,

Connections 1/2" npt or

0.3-0.45" Ø

compression fitting

selectable function



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.



P.O. Box 5084 SE-141 05 Huddinge Sweden Phone +46 8 501 694 00 Fax +46 8 501 694 29 www.cerlic.com e-mail sales@cerlic.se