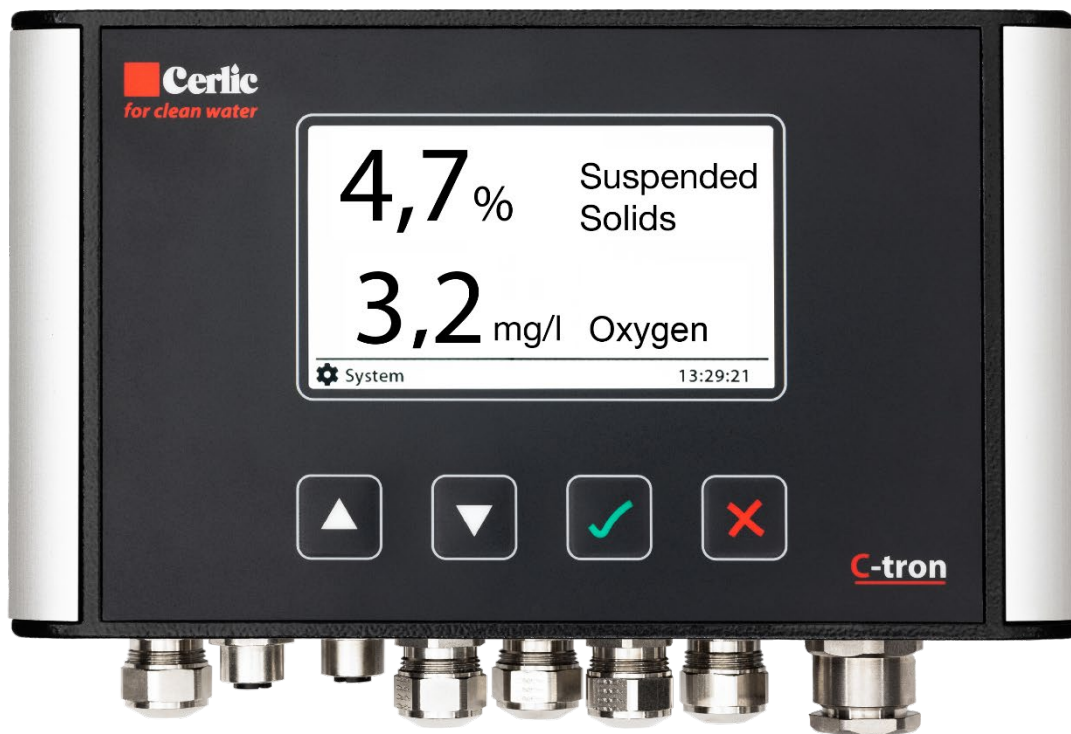


## New Control Box for Cerlics sensors



### ■ Easy to use

- User friendly interface
- 4.3" Ultra high contrast display
- Built for outdoor installations.

### ■ Plug & Play

- Easy installation of new sensors
- Manage sensor calibration and settings

The **C-tron** is a powerful control box that can support a combination of up to four different sensors, measuring dissolved oxygen, suspended solids, pH, ORP simultaneously.

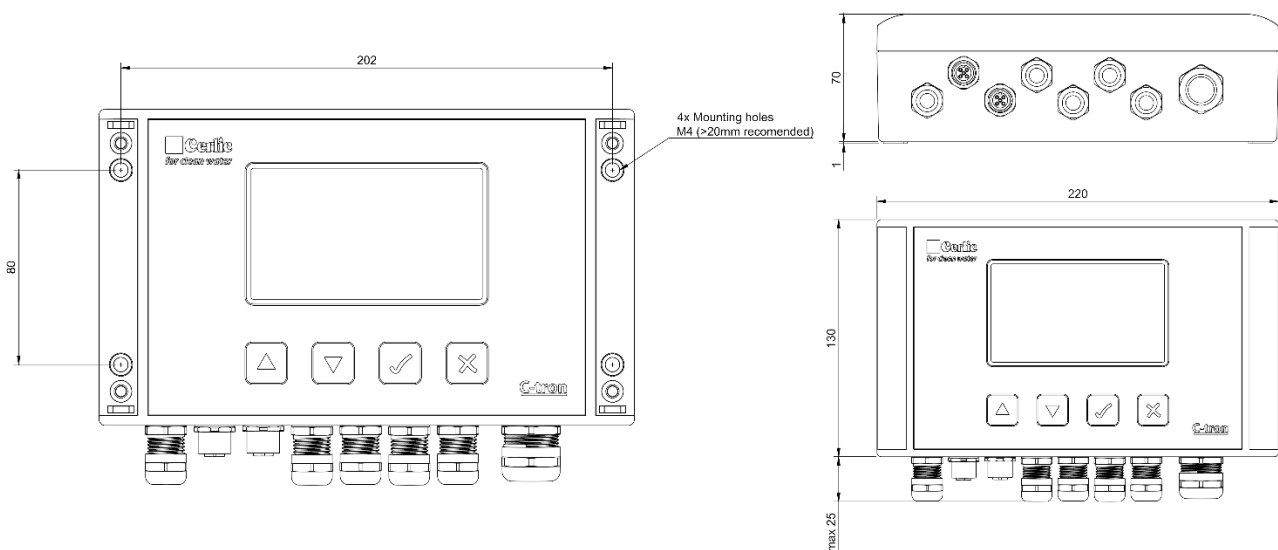
C-tron is easy to navigate with an intuitive interface and robust software. The plug & play capabilities of C-tron ensure easy installation and sensor management. Calibration is performed in just

a few simple steps.

The control box comes standard with Modbus RTU and Modbus TCP/IP outputs. It can also feature expansion slots for extra input/ outputs. The smart built diagnostic software is ensuring the functionality of each sensor with interactive feedback. The Relay outputs in the C-tron are used for high and low alarms or to provide a pulse for automatic cleaning

## Technical Specifications

|                                   |   |                         |
|-----------------------------------|---|-------------------------|
| <b>Material</b>                   | Powder coated aluminum.   |                         |
| <b>Weight</b>                     | 1.5 kg (3.3 lbs)  |                         |
| <b>Supply Voltage</b>             | 85 - 250 V AC<br>12 - 30 V DC   | 50 - 60 Hz<br>Optional. |
| <b>Power usage</b>                | 20 W  |                         |
| <b>Ambient temp</b>               | -20 - +55°C (-4 - 131°F)  |                         |
| <b>Enclosure</b>                  | IP 65 (NEMA 4X)   |                         |
| <b>Connected sensors</b>          | Displayed on the screen at start-up.  |                         |
| <b>Output signal Analog</b>       | 4 separate 4 - 20 mA  |                         |
| <b>Digital output</b>             | Modbus RTU & Modbus TCP/IP.   |                         |
| <b>Optional accessory outputs</b> |   |                         |
| <b>Alarm/cleaning</b>             | 2 relays, selectable function. (5 A @ 250 VAC or 5 A @ 28 VDC)  |                         |
| <b>Connections</b>                | Compression fitting and two sensor connectors.  |                         |
| <b>Options and accessories</b>    | Mounting plate with sun shield for wall or handrail mounting.<br>Connection box for up to four sensors.<br>Solenoid valve for flushing. |                         |



## C-tron