

eControl Single/Double Channel Controllers

Overview

The eControl has been designed and developed to be suitable for a wide range of systems and applications, featuring a micro-processor with galvanic isolation to protect the readings from external environmental effects. Available with either single or dual channels, both measured and configured independently. Each measurement channel provides either a ON/OFF or proportional 4 – 20 mA output for dosing regulation.

In addition to the measurement inputs, the eControl can receive a signal from PT100 temperature probe, level probe and/or proximity sensor input. There are alarm relay outputs for Min/Max settings and overdosing. The controller is also equipped with a timer function for working on a set timetable.



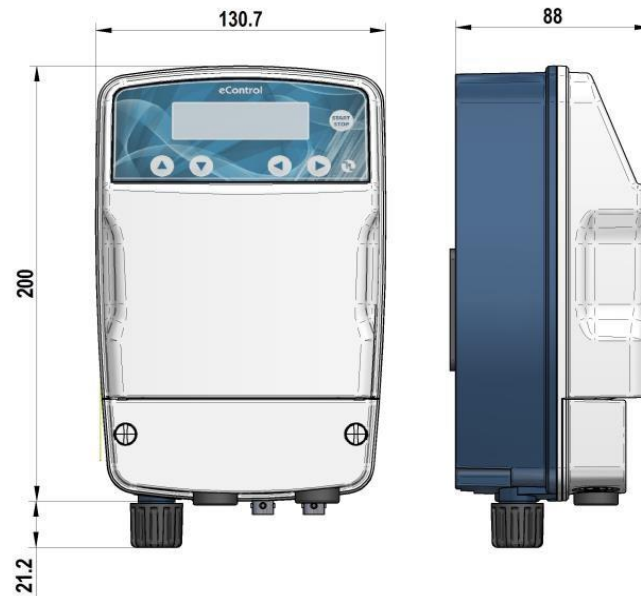
eControl controller

Technical Features

- **Models** 1 measure channel, 2 measure channel
- **Functions** pH, redox (mV), chlorine (PPM), selectable from the user
- **Measure Range** pH 0 – 14, redox (mV) -1000 to +1400, chlorine (PPM) 0 – 2, 0 – 10, 0 – 200, temperature (C°) 0 – 100
- **Display** Graphic backlighted
- **User Interface** 5 Keys keyboard
- **Relay** 5 A – 230 V, free contact
- **Hysteresis** Programmable on the setpoint value
- **Delay Time** Programmable on the set point value for the relay activation
- **Output** 4 – 20 mA (1 for each measure) programmable from the user
- **Power Supply** 100 – 230 V

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Dimensions



INSTALLATION KIT

- Wall mounting plate
- 4 plugs and screws
- Instruction manual
- Probes supplied separately

INPUTS/OUTPUTS

- Level probe or proximity switch input
- pH, RX (BNC) electrode input
- CL (PPM) probe input
- PT100 temperature probe input
- Alarm relay output (configurable NO-NC)
- 4-20 mA output