

DULCOMETER diaLog C

Single-Channel Controller for Water Treatment

ProMinent®



FLEXIBLE AND POWERFUL MEASUREMENT AND CONTROL

The DULCOMETER diaLog C sets new standards in measuring and control technology. Whether as a transmitter or 2-side controller (PID) with one channel – It is ideal for use in water treatment. With intuitive operation and digital networking, it is easily integrated into your process.

The DULCOMETER diaLog C is designed to give water treatment operators precise, stable, and intelligent control of critical process parameters, even in dynamic or harsh environments. It solves the real world challenges customers face — fluctuating process conditions, inconsistent dosing, complex system requirements, and the need for simpler, faster operation — by combining precision measurement, two sided PID control, and smart digital connectivity in one compact device.

Applications

The diaLog C is designed for use in a wide range of applications, some of which include:

- pH neutralization
- Complex chemical dosing
- Redundant or staged dosing systems
- Potable and wastewater treatment systems
- Industrial water treatment systems

Features & Benefits

Two-sided PID Control	Measures upper & lower limits for precise process control
Two Pulse Outputs	Enables controls of two pumps for more complex dosing
Intuitive Menu	Structure Easy to follow commands and wizards that reduce operator training
Enhanced HMI	Large LED display and touch buttons make it easy for operators to perform

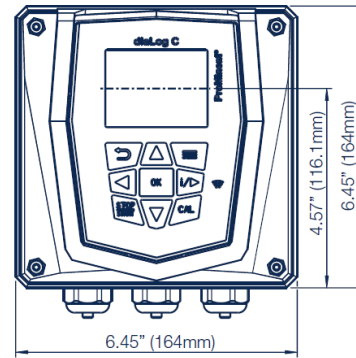


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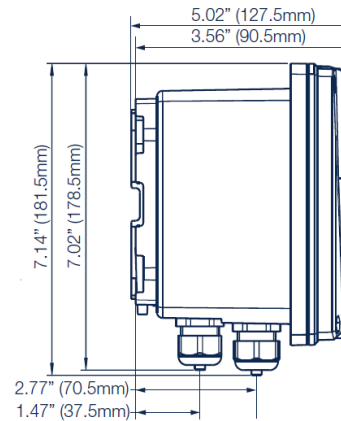
Specifications

- 1-channel 2-side controller
- Wall-mounted and control panel installation possible
- Intuitive operation, keypad, multi-colour LED display
- 2 digital inputs
- 2 outputs (pulse frequency)
- 1 output relay/alarm relay
- 1 analogue output 0/4-20 mA



Available Options

- Wall or panel mounting
- 1 mV/temperature input (measuring module), optional
- 1 serial input (measuring module), optional
- 1 mA input (measuring module), optional



Technical Data

Storage temperature	-20°-70°C
Relative humidity	Max. 90%
Enclosure rating (Depends on installation type)	Wall and pillar assembly (combined housing) IP 66/IP67 Control cabinet assembly IP54 ¼ DIN
Operating temperature	-10°-60°C
Over voltage category	Category II
Sound pressure level max.	27 dB(A)
Electrical connection	100-240V, 50/60 Hz
Power uptake	15 W
Communication interface	Modbus RTU
Certification	UL, CSA, MET, CE
Dimensions	6.45" L x 6.45" W x 5.0" H (164 x 164 x 127mm)

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