

Controller DULCOMETER diaLog C

Two paths, one goal: precision. 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 industrial water treatment. Thanks to its intuitive operation and digital networking, it is smartly integrated into your processes.

Technical Details

- 1-channel 2-side controller
- Wall-mounted and control panel installation possible
- Intuitive operation, keypad, multi-color LED display
- 1 mV/temperature input (measuring module), optional
- 1 serial input (measuring module), optional
- 1 mA input (measuring module), optional
- 2 digital inputs
- 2 outputs (pulse frequency)
- 1 output relay/alarm relay
- 1 analogue output 0/4...20 mA

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Inputs and outputs

Inputs

Sensor input max. 2 W
2 x contact input 12 V / 50 A, galvanically isolated

Outputs

Power relay 24 V DC ... 230 V AC, galvanically isolated
Current output 4 ... 20 mA, galvanically isolated
2 x Optomos output max. 60 V, 2 A, 0.25 W, galvanically isolated
Digital output for sensor bypass fitting BAMA 5 V / 25 mA, not galvanically isolated
1 x kV ESD (HBM)

Storage temperature

-20...70 °C

Relative humidity

max. 90 %

Enclosure rating

Wall and pillar assembly (combined housing) IP 66 / IP 67
Control cabinet assembly IP 54, 1/4 DIN

Operating temperature

-10...60 °C

Overvoltage category

Category II

Sound pressure level max.

27 dB(A)

Electrical Connection

100 – 240 V, 50/60 Hz

Power uptake

14 W

Communication interface

Modbus RTU