

# Controller DULCOMETER<sup>®</sup> Compact

Compact yet fully equipped - the basic water analysis unit

**ProMinent<sup>®</sup>**



The DULCOMETER<sup>®</sup> Compact controller is a one-channel PID controller for the measured variables pH, ORP, chlorine and inductive conductivity. It can monodirectionally control the measured variable, monitor limit values and transmit the measured value via an mA output, e.g. to a PLC. The mA output can optionally also be configured as a controlled variable output. The controller has one pulse frequency output to control one metering pump. One output relay can optionally be used as an alarm or limit value or to control motor-driven metering pumps or solenoid valves. A digital input is used to switch off the control or to process a sample water limit contact by remote control. The impact of temperature on the measurements can be provided by temperature measurement or by manual input. Menu-driven operation is language-independent.

## Your benefits

- Flexibility in the choice of measured variable with pH and ORP
- Always the optimum measured value resolution by auto-ranging with conductivity measurement.
- Depending on the requirement, various display options for conductivity, such as: Conductivity, TDS (Total Dissolved Solids), salinity and specific resistance.
- Safety through sensor monitoring of pH for glass breakage and line breakage.
- Various installation options: wall-mounted, installation on an upright or in a control cabinet.

## Field of application

- Measurement and control of water parameters in industrial and process water treatment plants.
- Permeate monitoring in reverse osmosis systems.
- Measurement and control of the hygiene parameters in swimming pools.



# Controller DULCOMETER® Compact

Compact yet fully equipped - the basic water analysis unit

## Technical Data

Protection class housing	IP65
Frequency and transmission output (Wi-Fi)	2,4 GHz, 100 mW
Power supply	100-230 VAC ±10 %, 50/60 Hz
Power consumption	typ. 5 W, max. 36 W
Certification	CE and FCC

### ■ SYDNEY OFFICE

Unit 4, 4 Narabang Way,  
BELROSE NSW 2085  
P 02 9450 0995  
F 02 9450 0996  
sales@prominentfluid.com.au

### ■ QUEENSLAND OFFICE

Unit 1, 68 Murdoch Circuit,  
ACACIA RIDGE QLD 4110  
P 07 3213 1900  
F 02 9450 0996  
pfcqld@prominentfluid.com.au

### ■ VICTORIA OFFICE

Unit 1/21-22 National Drive  
HALLAM VIC 3803  
P 03 8795 7430  
F 02 9450 0996  
pfcvic@prominentfluid.com.au

### ■ WESTERN AUSTRALIA OFFICE

Office 11, 34 Welshpool Road  
WELSHPOOL WA 6106  
pfcwa@prominentfluid.com.au