

Measuring and control system DULCOMARIN® 3

New features and functions – a major step for the DULCOMARIN®

Agigantic step for your pool system

ProMinent®



The measuring and control system DULCOMARIN® 3 is a reliable system for the treatment of swimming pool water.

The intuitive menu guidance is also supported by videos. It shows step-by-step calibration of the sensors.

It is operated using the system's touch display. You can also operate the DULCOMARIN® 3 remotely online. You are therefore connected to your DULCOMARIN® 3 using your smartphone or any other internet-compatible end device (VNC app needed). You can therefore also control other features, lighting, circulating pumps and filter backwash. The system can be extended at any time to meet future requirements.

The circulation capacity of the pumps adapts to the water quality in Eco! operating mode. Chemicals are metered precisely according to demand based on measured values, reducing ongoing energy costs and saving chemicals.

The DULCOMARIN® 3 Global Unit is the central element of the measuring and control system. All the information relating to the individual pools and associated control circuits is collated here. Use the DULCOMARIN® 3 Compact version for one filtration circuit, and the Global Unit, which can display up to 16 Local Units for multi-pool systems with up to 16 filtration circuits. Networking is provided by the LAN-based cNet.

Your benefits

- Energy- and cost-efficient control of your swimming pool.
- The DULCOMARIN® 3 can be accessed from every internet-compatible device (VNC app needed).
- Simple calibration of the sensors with video support.
- Status messages and alarm by e-mail.
- View and assess the time-based course of the measured values of all pools on the built-in screen writer.
- Simple, unrestricted LAN connection – like in your home network.

Field of application

- Control and regulation of the entire range of swimming pools
- Water parks
- Public swimming pools
- High-end private pools



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Technical Data

- Measured variables: pH, ORP, free chlorine, total chlorine, combined chlorine and temperature
- Precision: 0.3 % of the measuring range limit value
- Control characteristic: P/PI/PID control
- Digital inputs: 8 potential-free control inputs e.g. for measured water errors, pause, control, parameter switch-over
- Modular ports: 4 to accommodate 2-channel I/O modules in each, selectable via identity code and retrofittable
- Pump relay (pulse frequency): 4
- Output relay: 3 potential-free changeover contacts, 3 changeover contacts supplied, voltage-switching
- All output relays can be replaced
- Signal current output: via 2-channel I/O modules 2 x 0/4-20 mA or 4 x 0/4-20 mA
- Interfaces: USB, LAN (Ethernet), Wi-Fi (WLAN)
- Supply voltage: 100 – 230 V, 50/60 Hz, optional 24 V DC

■ 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