CHEWATEC PMC IV

Reliable solution for measuring and control

PROFESSIONAL POOL CONTROL

pH, Voľný a Celkový Chlór

Advanced water treatment unit

Measured variables pH / ORP / chlorine / ozone

CHEWATEC PMC IV

CHEWATEC PMC III is an electronic swimming-pool water management device. It has been carefully developed and manufactured to ensure your greatest pleasure and comfort.

Its remarkable capacity for adapting to different conditions and sizes of public swimming pools means it can be installed in the most difficult environments where control of water treatment and swimming-pool water regulation processes are decisive.

CHEWATEC PMC IV controller is equipped with 10 analogical inputs, 2 numeric inputs and 2 pulse inputs for specific sensors for treating swimming-pool water and also include alarm functions and regulations with cyclic commands transmitted by means of six configurable internal relays and 2x8 external relays to control temperature, pH, ORP (mV), active/free/total chlorine, Ozone and much more.

Features

- Large 7 inch touch screen
- Bluetooth
- USB port for recording and configuration
- Energy saving controls
- Intuitive handling
- Compliance with standards
- Adapted cell housing
- Adaptable configurations
- Optimal efficiency
- Measurement precision up to ± 0.5%
- Alarms

Areas of application
- Nautical parks
- Sea water pools
- Public swimming pools
- Water park
- Zoos
- Special applications

Technical Information

Measuring ranges
- Temperature -5 … 45 °C
- pH 0.00 ... 14.00
- ORP 0 ... +1,000 mV
- Active/free/total chlorine 0 … 20.00 ppm
- Active/free bromine 0 … 20.00 ppm
- BCDMH 0 … 20.00 ppm
- Ozone 0 … 2.00 ppm
- PHMB 0 … 100.00 ppm
- Cyanuric acid 0 … 500.00 ppm
- Conductivity 0 µS/cm … 50 (100*) mS/cm
- Salinity 0 … 72g/l
- Turbidity 0 … 1000 NTU
- Flow rate ratio 0 … 9999 l/h

Inputs
- 10 x powered analogue 4 … 20 mA
- 2 x programmable pulse inputs
- 2 x numerical inputs
- 1 x USB

Outputs
- 6 x relay output
- 6 x analogue outputs
- 1 x RS232
- 2 x 12VDC power supply output

Control behavior
- On/off, P, PI, PID, Auto configuration

Closed-loop control
- Remote/flow/level control

Electrical connection
- 90 - 250 V, 50/60 Hz

Ambient temperature
- -10 ... +70 °C

Degree of protection
- IP 65

Dimensions
- 129 x 260 x 320 mm (H x W x L)

Weight
- 3 kg