

Product Information

Commande de piscines

Pool Control

Swimming pool control system with Internet connection



External control panel (Option)



Operation with Smartphone



EUROMATIK.NET

Modern configurable multi function control system with touchscreen monitor and WebServer.

The **EUROMATIK.NET** contains a complete filter control system with integrated backwashing controller for 6-way valves and hydraulic valves. A level regulation system for overflow pools and skimmers is also integrated.

The **OSF WebServer** enables simple connections to a computer, a computer network and the Internet.

This makes simple control of the swimming pool system possible from any place in the world. It doesn't matter whether you use a computer, a tablet PC or you prefer your smartphone.

Multi-stage password protection offers the swimming pool owner the best possible protection of his expensive equipment.

If there should be a fault, the **EUROMATIK.NET** automatically sends an e-mail to inform the recipient about the current situation.

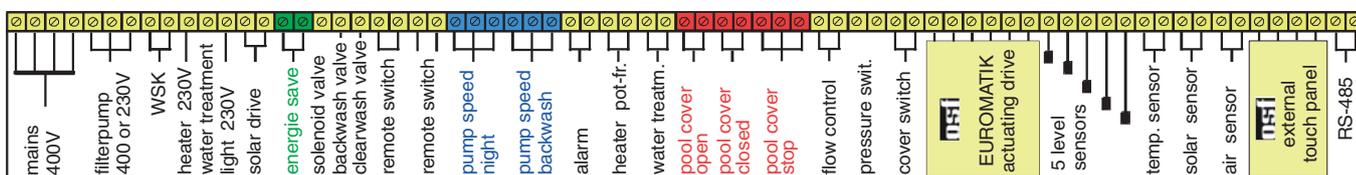
Open, close and stop buttons with corresponding relay outputs are available to control the swimming pool cover. The presence of buttons on the corresponding control panels can be decided during configuration.

The power supply can be implemented using either single-phase or three-phase current.

Technical data

EUROMATIK.NET

Nominal voltage (optional)	230V/50Hz bzw. 400V/50Hz
Pump switching power	Max. 8A AC3
Housing dimensions	364x329x131mm
Protection class	IP 22
Level sensors	12V
Backwashig actuator	24V
3 temperature sensors	NTC
RS-485 interface	RS485 - Bus
Memory card	Micro SD



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Product Information

Filter pump

The modern **EUROMATIK.NET** can be individually configured on site or using the touchscreen monitor. For example, the filter unit can be operated using one filter pump, with two filter pumps or with a **speed-controlled pump**. This allows different pump capacities for filter operation, standby operation, backwashing and solar operation to be implemented.



ECO mode

If you want to save energy the ECO mode can also be configured specific to the equipment, whereby the pump speed and water temperature can be selected and the overflow channel can be run dry. This energy-saving mode can be started manually by keystroke, using the timer or through the end position of the swimming pool cover.



Temperature regulation

Temperature regulation takes place in connection with a maximum of 3 temperature sensors. In addition to the water sensor and the solar temperature sensor, a further air temperature sensor for the outside air can be connected. This enables optimum control of the 3 heating systems of heat exchanger (boiler) solar absorber and heat pump. Furthermore, the outside air temperature sensor is used for the frost protection function.



Operation log

The control system also saves an operation log which can be read out directly on the device or via the LAN interface. The log is available as a text file so that it can be further edited on the computer. Graphic diagrams, e.g. temperature progression, are available as CSV files. They can then be edited on the PC using a spreadsheet program such as Excel.



Attraction

The **EUROMATIK.NET** is also fitted with a relay output for switching an attraction. The switch symbol associated with this can be selected in a selection menu. There are 15 different symbols available.



External control panel

External control panel for flush mounting is available as an accessory. This is also fitted with a touchscreen monitor. This remote control console is fitted with a chromed cover frame, and enables both control and remote control of swimming pool.



Combination with **osf** dosing unit

For people who are also operating **EUROMATIK.NET** the Internet-capable **osf** **WATERFRIEND MRD-3** measurement, control and metering system, the convenient **osf** Internet portal can also be used. In this case, both Internet connections will be displayed on the computer monitor in a common window.



Bus interface

The integrated bus interface enables connection of the **EUROMATIK.NET** with further **osf** control systems. This means that the external control panel can also access the **WATERFRIEND MRD-3** measurement and control system directly. This also means that the DMX colour lighting can be programmed and controlled directly on the external control panel using the **osf** Colour Controller.

Subject to alterations! 2/13

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