

Flexible Controlling of up to 4 Cooling Towers

Cooling Tower/Boiler Controller AQUATRAC® Multiflex M10



The cooling tower controller AQUATRAC® Multiflex M10 can simultaneously control up to four cooling circuits or steam generators. All required functions such as conductivity-dependent desalination control, metering of two biocides and one inhibitor as well as the monitoring of the entire process can be implemented. The cooling tower controller can be operated in different operating modes. The standard integrated Web server and the universal 5 key keypad guarantee that the controller is easy to use.

- Comfortable extended configuration and freely configurable and customisable to any process
- Online corrosion measurement for various metals
- Easy to upgrade with I/O cartridges
- Simultaneous control of up to 4 cooling towers or steam generators
- Desalination also based on the thickening factor
- Control of pH value and biocide concentration
- Configuration via the standard Web server only via a Web browser, e.g. Internet Explorer, no special software required
- Comfortable extended configuration and remote control via the software Trackster
- 5 key universal keypad
- Illuminated display with 4 lines with 20 characters each
- LAN/Ethernet interface
- Up to 14 analogue inputs and outputs
- 12 digital inputs (standard)
- 10 relay outputs (standard)
- Enclosure rating NEMA 4X, IP 65
- Approvals: CE, CSA, UL
- Optional modem



For further information, please visit:
www.prominent.com/multiflex

Cooling Tower/Boiler Controller

AQUATRAC® Multiflex M10

Application focuses

- Cooling water treatment
- Boiler feed water treatment

Technical Data	Nominal sizes and details
Inputs	14 analogue inputs for sensors or measuring units; 12 digital inputs
Relay outputs	10, of these 2 make contacts and 8 changeovers; alarm relay: Dry contact, without protection
Keypad and LCD display	5 keys, universal character set; 4 lines x 20 characters with illumination
10Base T, TCP/IP Ethernet / LAN	HTML, Telnet Micro Web Server, fixedly adjustable IP address and & port specifications
Modem (optional)	56K, V.90 Remote Telnet Access
Data logging	600 memories for each of the 26 inputs & 10 relays, saved in xml format
Relay ON/OFF	ON / OFF control
Volumetric	User-definable volume unit of measure & metering pumps ON time
Sampling for boiler application	Cyclic sampling, measurement, desalination, renewed sampling according to user specification
Remote locking	1 to 12 contact input, AND & OR operation
Internal locking by software	When activating the relays 1 to 10, any other relay can be locked (e.g. desalination lock)
Alarm - metering time limitation	Adjustable time per actuation and day Concentration calculation with regard to metering quantity & thickening factor
Electrical data	115 / 230 VAC, 50/60 Hz; supply voltage of transmitters and accessories 15-22 VDC, unregulated, thermically protected with 200 mA
Housing	Plastics, NEMA4X, IP65
CSA: 1523642	CSA-tested, complies with CE guidelines
Options:	Electrically isolated 4-20 mA outputs; proportional output 4-20 mA with user-defined settings by sensor or relay control; metering monitoring with concentration calculation with regard to metering volume & thickening factor

Experts in Chem-Feed and Water Treatment

ProMinent Dosiertechnik GmbH

Im Schuhmachergewann 5-11
69123 Heidelberg
Telephone: +49 6221 842-0
Fax: +49 6221 842-617
info@prominent.com
www.prominent.com