Boiler Control AQUATRAC multiFLEX M10B





Experts in Chem-Feed and Water Treatment

ProMinent

The Aquatrac multiFLEX M10B is a water treatment controller that provides the latest in water management technology. Packed with features, the multiFLEX line of

products are designed to provide the highest

Powerful Features

Control up to 8 Boilers at once*

degree of control and flexibility.

- Web Browser Accessible
- LAN Accessible
- Up to 14 Analog Inputs and Outputs
- Twelve Digital Inputs
- Ten Relay Outputs
- Works with Trackster 3 Software

*depending on controller configuration

Easy to Use

- 5-Key Universal Keypad
- 4 Line, 20 Character Backlit Display
- Easily Upgradeable with Plug-in Modules
- Fully Programmable
- Flexibility Allows You To Combine Multiple Boilers and Cooling Towers in One Controller
- Built in Ethernet with user definable static IP address

Compact Design

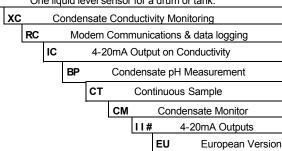
- NEMA4X, IP65 Fiberglass Enclosure with Dual Locking Latches
- 120 or 240VAC 50/60Hz, Switch Selectable
- CSA / CE / UL Rated



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	Rating-Detail	Notes
Analog—Digital I/O		
Analog Inputs	14 Analog Sensors	Auto-configuration on driver installation & removal
4-20mA Outputs (optional)	DC Isolated, Loop Powered	Controller accepts from 0 to 8 analog outputs
Digital Inputs	12	User configurable as water meters or contact sets
Relay Outputs	10, 2 SPST, 8 SPDT	Fused in sets of 5 relays
Alarm Relay	Dry Contact set, un-fused	User selected NO or NC
Communications User Interf	ace	
Keypad—LCD	5 Key Tactile Feedback, Universal Characters	Scan rate 100 mS nominal
	4 Line x 20 Character, Backlit	User adjustable contrast
10Base T, TCP/IP Ethernet LAN	HTML, Telnet Micro Web Server	Password, User ID protected
	User definable IP address & port	Browser shows controller in real time
Modem (optional)	56K, V.90 Remote Telnet Access	Dial-out on alarms to pager or PC
Data Logging	600 Entries for each 26 inputs & 10 relays, Stored in XML format	Adjustable from 5 Min to 1440 Minutes per Entry
Controls		
Relay ON/OFF	ON/OFF control	Any relay can be configured for any control
Proportional 4-20mA (optional)	User defined control set by sensor or relay control	Software ZERO & SPAN adjustments
Volumetric	User set, measure volume & pump on time	Sequential control, measures make-up volume then bleeds for user set volume
Captured Sample	Sample / Measure / Blowdown / Resample user set timing	Any sensor may be used
Interlocking	1 to 4 contact set inputs, AND & OR support	Relay OFF when contact set opens
Blocking	1 to 4 relays may block any other relay	Support for common Oxidant-Inhibitor feed
Alarms—Feed Limit Timers	Minutes per Actuation & Day	User defined on Feed Limit
Feed Verification (optional)	Ppm calculation based on volume feed & cycles of concentration	Fail to Feed is no volume counted after 30 seconds o pump ON time
System		
Electrical	120 / 240VAC, 50/60 Hz	Switch Selectable
Fusing	7.3 Amps @ 120VAC / 4.15 Amps @ 240 VAC	Relays Fused 1-5 & 6-10 6.3A ea. Logic fused @ 1/
Surge Suppression	Relays 2-5 & 7-10 NO Contacts snubbed @ 0.1uF	Controller Isolated from AC Line
Accessory Power	15-22VDC, Unregulated, thermally fused @ 200mA	
Enclosure	Non-Metallic, NEMA4X, IP65	11.5″W x 13.5″H x 7″D
Certifications		
CSA: 1523642	CSA tested to comply with CE	CSA tested to comply with UL 61010C-1
B2 Dual Boiler Blowdo	Iown Conductivity Control wn Conductivity Control	multiFLEX M10B
TB Timed Pump		Boiler Controller
	ample' Thermal Switch	
L1 One	e liquid level sensor for a drum or tank.	





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