



United Technologies

# If the *Standard* is the Flame-Monitor™ ...

For the past 20 years, from the introduction through the continuous improvement of the Flame-Monitor system, Fireeye has continually set new standards in the development of burner controls. With the use of microprocessors, Fireeye has brought a new level of intelligence into the operation of a burner. Controls have become smarter, more accurate, and more reliable resulting in more dependable operation. Using digital signal processing techniques, the operation of a burner with a Fireeye Flame-Monitor control is now less dependent on environmental conditions that can lead to wide and undesirable operating margins.

The Flame-Monitor is the benchmark by which all other burner controls are measured.



# ... then *Perfection* is BurnerLogix™



- Smaller footprint saves space
- Bright vacuum fluorescent display
- SMART LED's for status and diagnostics
- Keypad configurable parameters
- Expanded keypad functions
- Built-in language selection
- Plug-in programmer modules
- Expanded programmer functions
- Pigtail pre-wired wiring base available
- Din rail mount
- Enhanced communications
- International approvals

*A Burner's Favorite Control*



# PRIMARY SAFETY CONTROLS

*BurnerLogix Primary Safety Controls provide full function to basic control for all your application needs. BurnerLogix is a small and compact package filled with big features and huge benefits.*

## *BurnerLogix™ Features Include:*

- Keypad configured parameters
- Bright Vacuum Fluorescent Display
- NEM4 display mounting
- SMART LED's – provides status and lockout codes
- Keypad selectable languages
- Smaller size than E110
- Din rail mounting
- Pigtail or terminal block style wiring base
- Automatic 8 hour burn-in based on burner on time
- Valve proof of closure during standby and startup
- Enhanced communications, Adjustable baud rates
- 4-20 mA test jack signal
- Additional inputs and outputs

## *BurnerLogix™ Benefits Include:*

- Fewer programmer modules to inventory
- Variable parameters help resolve all applications
- Reduced downtime, pinpoint diagnostics
- Cabinet mounting space reduced by 40% to 50%
- Wires pre-marked for ease of installation
- Added safety during idle or off periods
- Easily adapts into most building management systems
- Improved turndown control from Plant Master

## *Differentiators*

1. Size – footprint reduced to 20 in<sup>2</sup> from 40 in<sup>2</sup> with pigtail wiring base
2. Size – footprint reduced to 28 in<sup>2</sup> from 40 in<sup>2</sup> with terminal block wiring base
3. Display – LCD, expanded cold temperature to -25° C
4. Display – VFD, increased brightness, operates to -40° C
5. Expanded keypad – forward and reverse keys simplifies parameter selection
6. Pre-wired base – ease of installation, no wires to cut
7. Smart LED's – provides status and lockout codes
8. 4-20 mA test jack signal
9. Keypad configurable parameters – reduced inventory
10. 8 hour burn-in based on burner on time – less chance of mistake
11. Proof of closure during standby
12. Terminal block wiring base – allows testing with control installed
13. Able to provide YP138 function
14. Additional inputs
15. Additional output for secondary valve, ignitor, etc
16. Adjustable baud rates for modbus communications



*The Combustion Control Specialists*

3 Manchester Road • Derry, NH 03038 USA  
www.fireeye.com

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