

BurnerLogiX™ Y Flame Safeguard Control



YB110 & YB230

**If the standard was the Flame-Monitor™...
then BurnerLogiX exceeds it**

For over 30 years, from its 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 are now smarter, more accurate, and more reliable resulting in a more dependable operation. Utilizing digital signal processing techniques a Fireeye BurnerLogiX control helps reduce wide and undesirable burner operating margins caused by environmental conditions. The BurnerLogiX exceeds the old benchmark by which all other burner controls were measured.

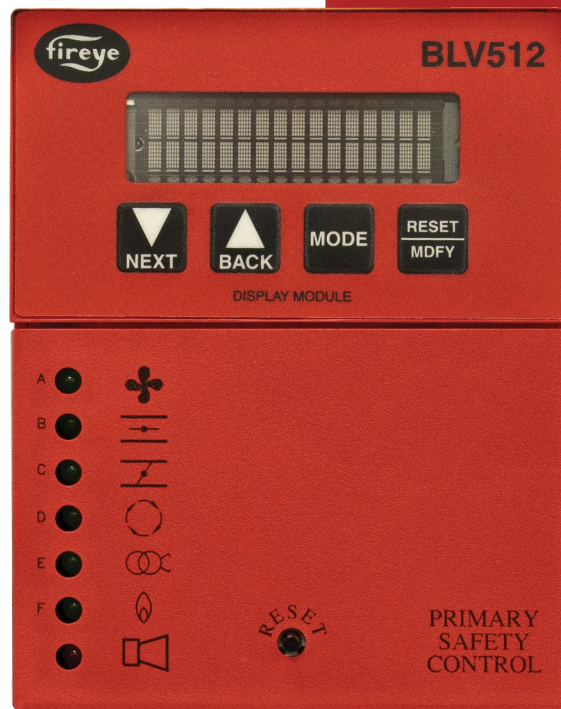
BurnerLogiX flame safeguard controls feature:

- Smaller footprint that saves space
- Bright vacuum fluorescent display
- Smart LEDs 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
- **NEW!** Valve proving and low gas pressure functionality

**BurnerLogiX is a burner's
favorite control.**



Flame-Monitor



BurnerLogiX Flame Safeguard Control

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BurnerLogiX primary safety controls provide full function to basic control for all application needs. BurnerLogiX is a small and compact package filled with big features and huge benefits.

Features

- Keypad configured parameters
- Bright vacuum fluorescent display
- NEMA display mounting
- Smart LEDs provide status and lockout codes
- Keypad selectable languages
- Smaller size than E110
- Din rail mounting
- Pigtail or terminal block style wiring base
- Valve proof of closure during standby and startup
- Enhanced communications, adjustable baud rates
- 4-20 mA test jack signal
- Additional inputs and outputs

Benefits

- 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

Size	Footprint reduced to 20 in ² from 40 in ² with pigtail wiring base Footprint reduced to 28 in ² to 40 in ² with terminal block wiring base
Display	LCD: expanded cold temperature to -25°C VFD: increased brightness, operates to -40°C
Expanded Keypad	Forward and reverse keys simplifies parameter selection
Pre-wired Base	Ease of installation, no wires to cut
Smart LEDs	Provides status and lockout codes
Keypad Configurable Parameters	Reduced inventory
Terminal Block Wiring Base	Allows testing with control installed
Other	4-20 mA test jack signal Proof of closure during standby Able to provide YP138 function Additional inputs Additional output for secondary valve, igniter, etc Adjustable baud rates for modbus communications

For more information, please [contact](#) your local Fireye Distributor.

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