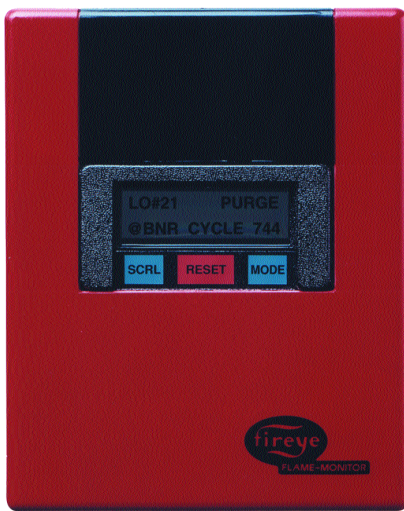


Setting the Standard...



The Flame-MonitorTM Flame Safeguard System

The Fireeye Flame-Monitor product line brings total operational control and flame safeguard protection for package boiler systems to your fingertips.



The Fireeye E110 Flame-Monitor is the basic building block for the entire flame safeguard control system. It consists of a chassis, dust cover and a mounting screw. The addition of the keypad/display and application specific programmer, amplifier and flame scanner completes the system. The E110 is directly compatible with all existing Flame-Monitor installations.

Modular in structure, the Flame-Monitor system allows you to custom design your control system to match your specific burner/boiler fuel firing characteristics.

The complete burner system includes a Flame-Monitor control, keypad/display module and a full library of programmer modules, amplifier modules and associated scanners.

Modernization adapters are available to easily upgrade from an older Fireeye control system.

Current status for each burner plus historical data relating to burner cycles, hours of operation, the number and cause of safety lockouts are readily available locally on the ED510 keypad/display module. In the event of a safety lockout, instant notification is available with the inTouch Wireless Monitoring System, keeping boiler downtime to a minimum.



Keypad/Display Module

The ED510 Keypad/Display Module incorporates a two (2) line by sixteen (16) character backlit LCD display and three button keypad to provide both operational and comprehensive diagnostic information. A remote mounting kit is available to facilitate panel mounting of the keypad/display. The ED510 provides a local readout of the following information:

- Operating sequence status.
- Flame signal strength.
- First out annunciation of a safety lockout.
- Last six lockout conditions (with burner cycle and burner hour time-stamp).
- Pilot and main flame signal averages.
- Accumulated burner hours, system hours and burner cycles each with 6 digit range plus rollover.
- Ability to clear stored history.

All the above features can be accessed with the push of a button.

Features of the Flame-Monitor Control System Include:

- Two line display with keypad provides access to current and historical burner information.
- Programmable E300 Expansion Module interlock messages.
- Extended purge timing via dipswitches.
- Selectable airflow (3-P) proven open to start.
- Multi-drop connection to Communication Interface via RS485.
- Modular design.
- Continuous self-test diagnostics.
- Modbus communications.



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