

COEN



FYR  **LOGIX**
BURNER MANAGEMENT SYSTEM

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COEN'S FYR-LOGIX EFFECTIVELY offers the functional capability of an Allen Bradley™ programmable logic controller (PLC) at the price of a pre-programmed burner management system. Providing a complete and versatile package - the **FYR-LOGIX** is adaptable to any type of fuel firing arrangement. Whether firing multiple fuels separately, simultaneously, or during the changeover of fuels, the system safely maintains complete monitoring and diagnostics. Designed for a rugged industrial environment, the system offers a simple, cost effective and complete burner management package which can be customized for your specific needs.



Retrofit CAPABILITY

Retrofit your existing burner management system with the COEN **FYR-LOGIX**. Compatible with your existing safety devices, piping and combustion controls logic, the **FYR-LOGIX** meets all current NFPA, FM and GE GAP requirements.

LOGIC

ELEMENT #1 LIGHTOFF - STATUS



COEN

Clean combustion. Powerful results.



Proven benefits of the **FYR-LOGIX BURNER MANAGEMENT SYSTEM**

- Dependable industrial grade components
- Various firing scenarios such as simultaneous and low fire changeover of fuels
- Flexible to meet your future needs including the addition of new fuels
- Available low cost communications via RS-232, RS-422, RS-485, Device Net, Ethernet, or Modbus RTU
- Expandable four-line alpha-numeric status display and annunciation of limit devices
- Enhanced system reliability when utilizing dual flame scanners
- Available in NEMA 4, NEMA 4X or other construction

Digital display standard, an optional color, touch-sensitive display replaces the need for most of the selector switches, pushbuttons, indicators and lamps.



Custom SYSTEMS

ELEMENT #1 TRIP LOGIC

The standard PLC based COEN **FYR-LOGIX** Burner Management System is a cost effective burner management system designed to be more flexible than pre-programmed systems. The **FYR-LOGIX** is a highly versatile system customizable to your specific needs.

CUSTOM FEATURES:

- Continuous simultaneous firing of two fuels
- Future fuel addition
- Fuel change over
- Low fire hold
- Boiler hot standby
- Two burners fired as one
- Multiple communication ports

OPTIONAL FEATURES:

- Touch screen display to replace lamps, pushbuttons and switches
- Additional water column relays
- Multiple fuel selector switches
- Auxiliary contacts for limit devices
- Step-down transformer
- Flue gas recirculation logic

