



Get superior performance, improved accuracy and fuel efficiency with Honeywell ControlLinks™ microprocessor-based fuel air ratio controls on your burner equipment. Control accuracy to 0.1 degrees provides accurate fuel air ratio curves and improves combustion efficiency, which means fuel savings for you. It all adds up to more accuracy and efficiency, as well as less service and downtime.

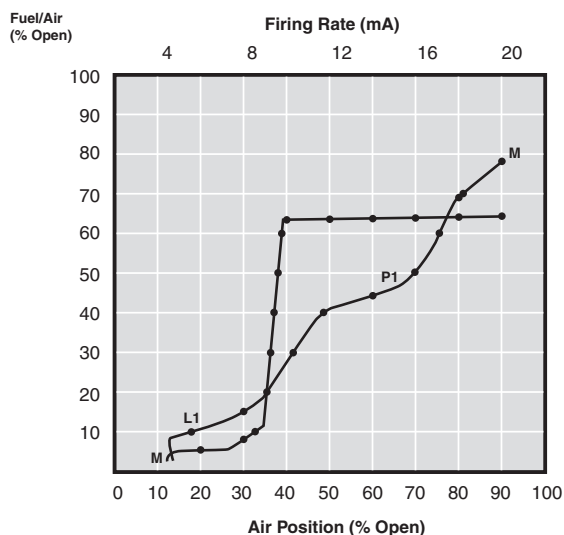
ControLinks™ Fuel Air Control System



ControLinks™ uses unique air curves and fuel curves, separate light-off points and different minimum and maximum modulation points. Innovative safety features include a unique

potentiometer circuit, component anti-swap protection and curve verification algorithms.

Fuel/Air Profile Graph



One-fuel with FGR curve

The new S7999B system display allows you to commission the ControLinks Fuel Air Control System using the touchscreen with four color graphics. This eliminates the need for a laptop or PC for commissioning. Diagnostic information can be accessed for ControLinks and for 7800 SERIES Controls using this display.

To Learn More

For more information about ControLinks Fuel Air Control System, contact your Honeywell Representative, call 1-800-345-6770, ext. 423, or visit customer.honeywell.com.

Automation and Control Solutions

In the U.S.:
Honeywell
1985 Douglas Drive North
Golden Valley, MN 55422-3992

In Canada:
Honeywell Limited
35 Dynamic Drive
Toronto, Ontario M1V 4Z9
www.honeywell.com

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Technical brochures, savings calculator and case studies are also available. Contact your local ControLinks rep for more details.

SYSTEM COMPONENTS:

R7999 FUEL AIR RATIO CONTROL

- Monitors and controls the burner fuel and air ratios to maintain proper combustion
- Provides LED status for power, alarm and motor drives
- Includes fault-annunciating LEDs

ML7999A UNIVERSAL PARALLEL-POSITION ACTUATOR

- Provides 100 lb./in. torque to control combustion air dampers, modulating fuel valves, oil modulation valves and flue gas recirculation (FGR) dampers
- Optimizes burner performance by providing precision potentiometer feedback to the R7999 control

S7999B SYSTEM DISPLAY

- Optional tool that provides an interface for the entire burner/boiler system
- Large, full color, touchscreen display module
- Two additional LEDs indicate CSD power and communications

V5197 Firing Rate Valve

- Accepts 4 – 20 mA signal for firing rate control
- More linear turndown

A7999 PORTABLE COMBUSTION ANALYZER

- Portable diagnostic tool (optional) expedites burner setup

ZM7999 COMMISSIONING SOFTWARE

- Commissioning software via laptop

Q7999 WIRING SUB-BASE

- For ease of installation, all wiring goes to this panel-mounted sub-base

The Following ControLinks Demos And Toolkits Are Also Available:

Item #	
DSP3822	S7999B System Display Demo
DSP3564	ControLinks Demo
DSP3548	ControLinks Tool Kit

Honeywell