

# ControlLinks™ Fuel Air Control System

## ZM7999A ControlLinks™ Fuel Air Control System Configuration Software

The ZM7999 Software Configuration Tool reduces burner setup time by letting you create a burner modulation curve (profile) for the burner that allows for safe and efficient operation at all points along the modulation curve. The software uses a wizard-like process to assist you through the commissioning process. It also lets you save curves in standard PC files so that you can commission similar systems rapidly and safely. Once the burner is commissioned, real-time monitoring of the system can be done via the monitoring tool.

### Minimum Hardware Requirements:

- PC or laptop with a Pentium® processor.
- Windows® 95 or Windows 98.
- 16 MB of RAM.
- 1G hard drive with 100 MB of free memory.
- 4X (or higher) CD-ROM drive.
- Mouse.
- Super VGA color monitor (800 x 600 resolution suggested).

Product Number	Description
ZM7999A1006	Configuration Software

## S7999 ControlLinks™ Display Module



The S7999 ControlLinks Display module (DM) provides local or remote annunciation of system operation, fault information, diagnostic information, actuator settings and configuration settings of the ControlLinks system.

- Communication interface capability to the ControlLinks system.
- Dependable. Long-term operation provided by microcomputer technology.
- Local or remote system annunciation provided by a 2-row by 20-column display.
- Operating Status:
  - Source of demand/control.
  - Actuator positions.
  - Hold status.
  - Total cycles.
  - Total hours of operation.
  - Run time.
- Fault history of six most recent faults.
  - Fault code.
  - Fault message.
  - Cycles at time of fault.

- Diagnostic information:
  - Input/Output status.
  - Demand/control input and position.
  - Fuel selection.
  - Fuel position.
- Motor settings:
  - Light-off position of fuel, air and FGR.
  - purge position of fuel, air and FGR.
  - Programmed stop position of fuel, air and FGR.
- Configuration settings:
  - Low Fire Hold input (XmA).
  - FGR Purge position.
  - Manual potentiometer limit enabled/disabled.
  - R7999 hardware/software revision.
  - Display Module (DM) software revision.

**Dimensions:** 4 27/32 in. wide, 2 29/32 in. high, 29/32 in. deep;  
123 mm wide, 73 mm high, 23 mm deep.

**Electrical Ratings, Power Supply:** 13 Vdc peak full wave rectified (+20/-15%).

**Humidity Ratings:** 85% RH continuous, non-condensing

**Vibration:** 0.5 G environment

**Weight:** 4 oz (113 g)

**Temperature Rating (Ambient):** -40 F to 140 F; -40 C to 60 C.

### Approvals,

**FCC Emissions:** FCC Part 15, Class B, Emissions.

**Industrial Risk Insurers:** IRI Acceptable.

**Underwriters Laboratories, Inc:** Component Recognized.

### Accessories:

**206311** Carrying Case for S7800 Display

Product Number	Comments	Description
S7999A1002	English Language	Display Module