

# FMS-1650L (LonWorks) Room Pressure Controller

## Data Sheet



FMS-1650L

The FMS-1650L is a highly accurate, dependable room pressure controller ideal for clean rooms and isolation rooms. It features a user-friendly, modern touchscreen that simultaneously displays room pressure, humidity, temperature, air changes, alarm status, time, and date. The red, yellow, green, and blue color-coded screens allow users to monitor rooms with a simple glance.

It is available in surface mount or stainless steel flush mount and features a dual sensor option that can simultaneously control one room while monitoring another.

This highly sensitive instrument has a pressure/flow resolution to 0.0001" wc for maximum safety. The programmable monitor instantly updates as conditions change and communicates alarms both visually and audibly.

Its flexible design includes four analog and four digital inputs (along with four relay and four PID outputs) to allow for a variety of configuration options.

### FEATURES INCLUDE

- LonWorks<sup>®</sup> native
- Full-color, user-friendly touchscreen
- Available in surface or thin flush mount
- Intuitive control menus, easy to set up
- Ability to report room status, pressure, time, date, and room conditions simultaneously
- Password protection with four access levels
- Audible and visual alarms
- Non-volatile memory

# FMS-1650L (LonWorks) Room Pressure Controller

## Data Sheet

FMS-1650L Specifications	
Pressure Range	±0.2500" wc
Alarm Range	±0.2500" wc
Display Range	±0.2500" wc
Accuracy	±0.5% FS
Air Flow Sensor	Digital differential pressure
Control Resolution	±0.0010" wc
Control Capability	Control one and monitor one independent space
Analog Inputs	4 universal (0-20mA, 4-20mA, 0-5Vdc, 0-10Vdc)
Analog Outputs	4 voltage (0-5Vdc, 0-10Vdc)
Digital Inputs	4 active-high or active-low (0-5Vdc or 0-10Vdc)
Relay Outputs	4 sets of N.O. or N.C. contacts (1A at 24Vdc)
Communication Protocols	LonWorks®
Operating Temperature	32° to 125° F operating
Operating Humidity	10-95% relative humidity, non-condensing
Exterior Dimensions	Brushed stainless steel thin mount housing: 5.6" W x 8.5" H x ½" D
	Plastic surface mount housing: 3" W x 5" H x ¾" D
Mounting Styles	Flush or surface
Agency Listings	ETL Listing (UL 916), FCC Part 15, ICES-003
Power Requirements	24Vac ±10%, 30VA
Password Protection	Up to 10 user passwords with 4 access levels
Display	18-bit (262K) color TFT, 3.2" diagonal, resistive touchscreen, 2500 cd/m2
Alarm Indication	Industry standard status colors
Alarm Silence	Touchscreen, auto-reset

Product specifications are subject to change without notice. Triatek is a registered trademark of Triatek LLC.



Dual sensors available



Sleek stainless steel flush mount,  
perfect for busy hallways

## Part Number Guide

FMS1650L -  - 0 -  -

Case Style                      # of Remote Sensors                      Blank = standard remote sensor (3-wire)  
 T = thin (flush)                      1 = single sensor                      A = custom remote sensor  
 S = surface                      2 = dual sensor



Color-coded, easy to read room status

