

## LDP ECHOLINE series Low Pressure Monitor

LDP ECHOLINE® was designed in cooperation with a leading semiconductor manufacturer to provide state-of-the-art low pressure monitoring of gas cabinet exhaust systems. "ECHO" (Electronic Circuit Health Output) diagnostics alert the user to loss of external power or internal electronics failure. LDP ECHOLINE's® unique Maintenance Mode feature prevents false trips during ventilation system balancing. Four LDP ECHOLINE® units fit into the space of one old-fashioned gauge/switch thereby reducing overall panel costs.



### Features

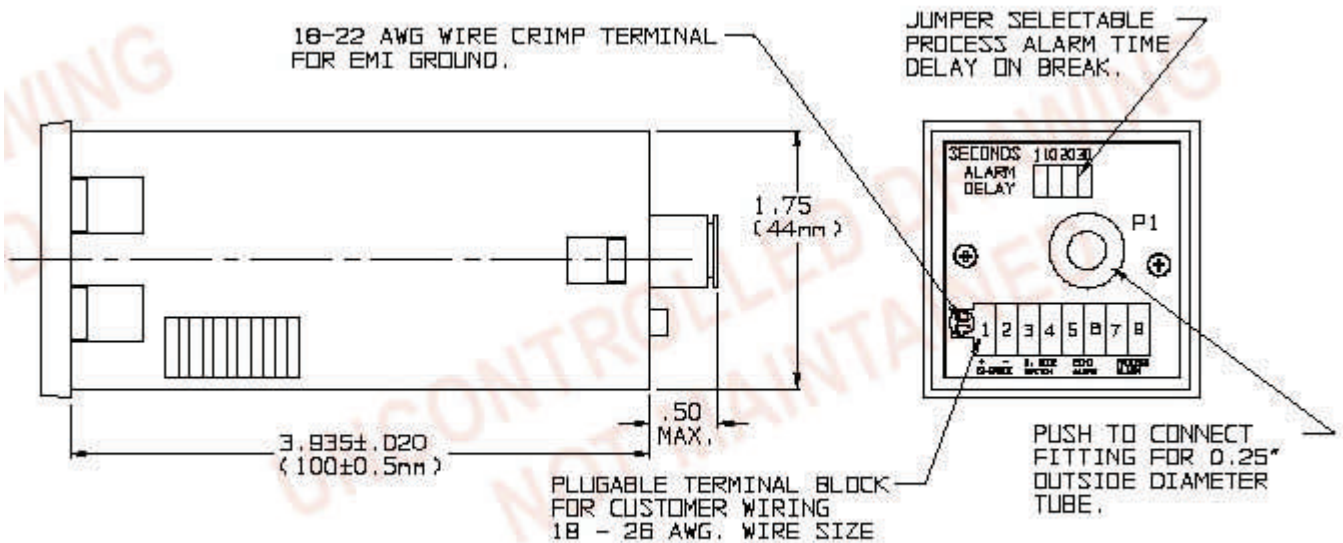
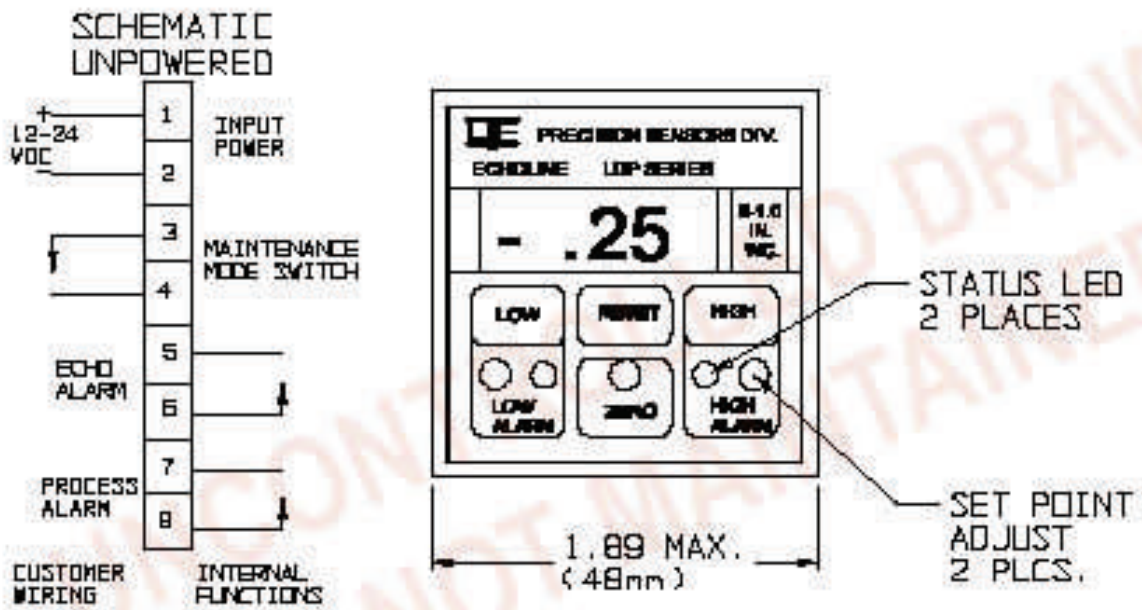
- Complies with UL 991
- Discreet all analog electronic components - no microprocessor enhances safety
- Conformance to S2-0200 and CE
- Bright LED display, flash upon alarm
- High and low alarm set points
- Maintenance Mode" to prevent false trips during ventilation system balancing
- Adjustable time delay to eliminate false trips
- Latching relay output (Option "M01" for non-latching design)
- Self-diagnostics
- Optional 4-20 mA output
- Plug-in terminal block wiring
- Optional selectable units from inches WC to Pascal

### Specifications

Medium	Clean Dry Air
Type	Field Adjustable
Range	0 to 0.2", 0.5", 1", 2", 5" 10" & 20" WC 0 to 50, 100, 500, 1000 & 2000 Pa
Proof Pressure	± 14.5 psig ≥ 1" WC ± 80" < 1" WC
Burst Pressure	20 psig
Deadband	1%
Switching Response	1 Sec. to 30 Sec.
Switching Output	1A @ 30 VDC
Switch Point	Field Adjustable
Switch Repeatability	± 0.5% F.S.
Input Power	12 to 24 VDC
Analog Outputs	4 - 20 mA
Status LED	In Range
Operating Temp. Range	0° to 40°C
Display Accuracy	1% F.S., 0° to 40°C
Min. Operating Life	5 Million cycles
Approvals	UL, CE
Warranty	36 Months
Media Connections	1/4" tubing (push to seal) Barbed hose fitting

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### Dimensional Drawings



**ECHOLINE® Series**