

Pump Monitor

Model ALM-1

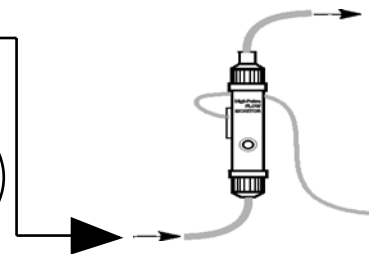
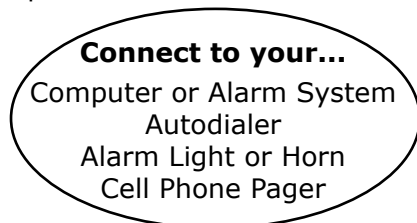
The ALM-1 will alert you to pump failures including loss of prime, empty supply tank, broken suction tubing, ruptured Liquifram®, and clogged check valves. The alarm unit connects quickly to LMI's Digi-Pulse® Flow Monitor, which provides one signal pulse for each pump discharge stroke.

The ALM-1 contains an adjustable and resettable time delay module. Pulses from the Digi-Pulse®, reset the unit and are indicated by the pulse indicator LED on the front panel. If a pulse is not received within the time period you select (15 seconds to 5 minutes) the alarm relay is triggered. In this mode, the ALM-1 can trigger computer systems, autodialers, pagers, alarm lights, audible alarms, and/or back-up pumps. The powered relay contacts have the capacity to handle electrical loads up to 10 amps (resistive). Wiring is very simple by use of the insulated terminal strip inside the enclosure.

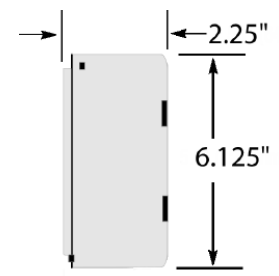
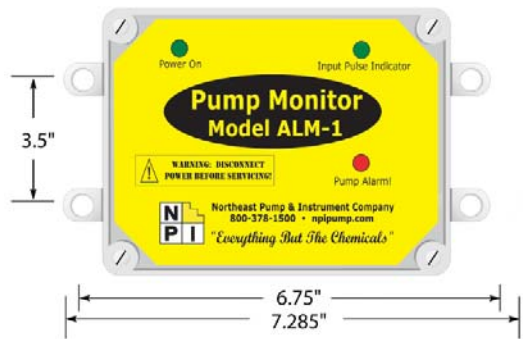
The new panel-mounted pulse indicator LED is also a great tool for tuning the Digi-Pulse® Flow Monitor system!

Features of the Model ALM-1:

- ◆ Switches on back-up **pump and alarm** to continue operation
- ◆ Easily adjustable pump monitoring period: 15 sec. - 5 min.
- ◆ Available with a liquid-tight connector for cables.
- ◆ Robust thermoplastic enclosure with stainless steel cover screws.
- ◆ Optional Inline Installation



Dimensions:



Specifications:

Input Voltage:	120 VAC, 50/60 Hz
Power Consumption:	4 VA maximum, intermittent (during alarm 'ON' condition)
Trigger Signal:	Reed switch closure (switching low voltage) (consult NPI for other signals)
Pulse Indicator LED:	Green LED visible through the nameplate
Input Signal Isolation:	Transformer
Output Relay:	SPDT (N/O and N/C logic available), 10 amp. resistive load
Input and Output Connections:	Insulated terminal strip (20–14 Ga wire: slotted screw contact connections)
Cable Connections:	Sealed cable connector (.250" diameter cable max.) Supplied with 115 Volt female receptacle power cord
Power Cord:	120 VAC grounded plug
Enclosure:	ABS plastic
Warranty:	2 year

800-378-1500

Northeast Pump & Instrument

www.npump.com

190 Summer Street, Lunenburg, MA 01462