



## AW FLOW METERS

# LLC-E-BA

## Batch Controller in an Industrial Enclosure



### Technical Specifications:

- Nine programmable batch amounts
- 4-20 mA batch fill indicator
- NEMA 12 & 13 enclosure
- Ability to count up or to count down
- Batch counter & totalizer
- Two relays for solenoid valve control
- Batch error compensator
- Good for small to medium sized systems

### **What is a LLC-E-BA Batch Controller?**

Mounted in a prewired NEMA 12 industrial enclosure, the LLC-E-BA is an easy to use batch controller designed as a central controller for small to medium sized fluid batching systems. Nine different batch amounts can be pre-programmed into long term memory and selected by the operator. Two relays provide control for either single or dual stage valve operation. Two totalizers are provided, one acts as the batch totalizer and the other totalizes continuously with reset protection. The batch counter has a user selectable option to either count up from zero or count down from the batch amount. The unit's smart programming automatically compensates for variations from the selected batch amount. Inputs provide operator remote control for batch selection, start, stop and reset.



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### Controller Technical Data

**Power Supply:**  
110 VAC

**Sensor Supply Output:**  
Approx. 20 mA at 15 VDC

**Sensor Input:**  
Voltage triggered, 2.00 Vp-p min.  
0-4 KHz, 10 Kohm imp.

**Display:**  
LCD, 16 Character alpha-numeric  
0.35 inch character height

**Main Board:**  
87C51FB processor, EEPROM memory

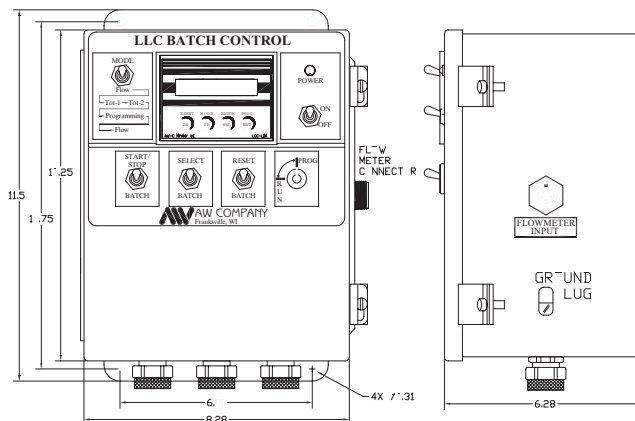
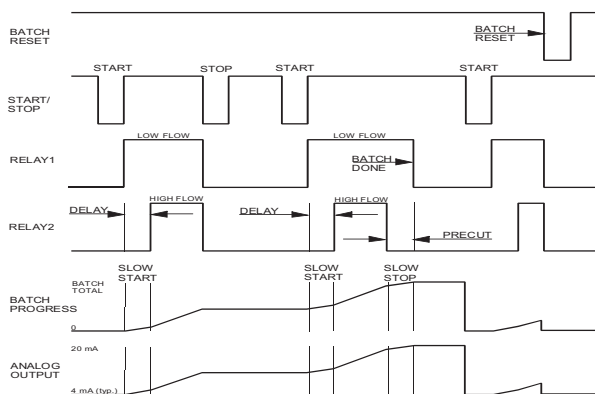
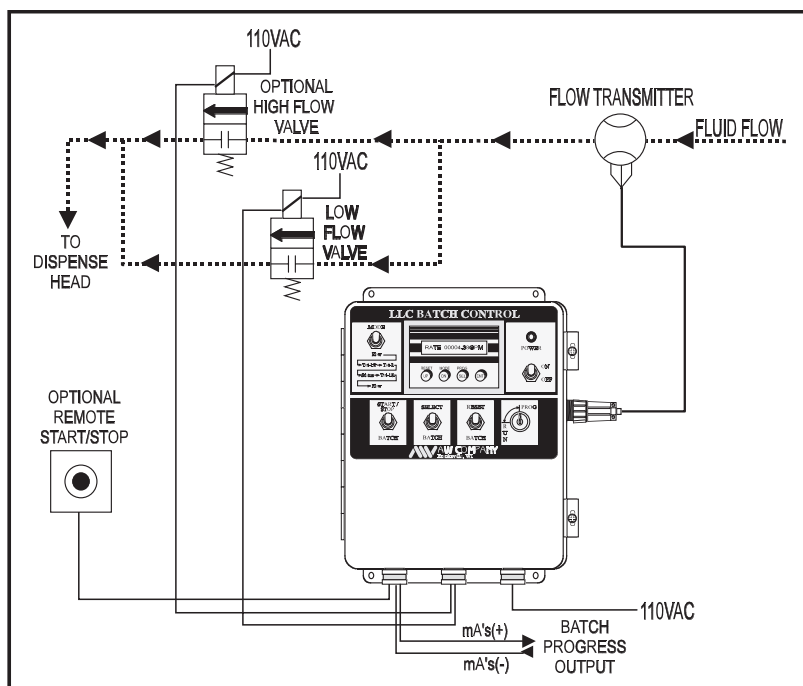
**Enclosure:**  
NEMA 12 & 13

### Two Form C Relay Outputs:

**Relay Contact Ratings:**  
**Maximum Switch Voltage:** 220V DC, 250 VAC  
**Maximum Switch Current:** 2A

**Maximum Switched Power**  
**Resistive Load:** DC 60W / AC 125 VA  
**Inductive Load:** DC 30W / AC 60 VA

**Rated Load**  
**Resistive Load:** DC 30V, 2A / AC 110V 0.5A  
**Inductive Load:** DC 30V, 1A / AC 110V 0.3A



Products may be subject to change without notice – Contact factory for current information