

# DVV SYSTEM - DISPENSING VOLUME VERIFICATION SYSTEM

Ideal for verifying accuracy of programmed volume versus dispensed volume, such as for adhesives, lubricants, paints and sealants.



## APPLICATIONS

The DVV senses the start of the dispense cycle by detecting flow. The device continues to monitor the amount of product dispensed until the flow ceases. Then the DVV compares the amount of fluid dispensed to the amount the operator has programmed. If the amount is within the specified parameter, the green light illuminates. If the amount falls below the specified parameter, the yellow light illuminates and an alarm will sound. A red light with an audible alarm indicates an amount over the programmed limit. After a specified time, the system clears and resets, and the cycle begins again.

## FEATURES

- Fully automatic
- No external logic or wiring required
- Multiple display modes
- Improves process control
- Qualifies dispensed volume
- Audible alarm for outside limit results
- Monitors dispense operation
- Bright stack light

## TECHNICAL SPECIFICATIONS

### System Timers

DWELL Time: 0-99 Seconds Adjustable  
Alarm Time: 0-99 Seconds Adjustable

### Flowmeter Signal Input

Frequency Input: 0-4 KHz, Sine,  
Square or Saw Tooth, 5 Volts minimum  
amplitude

### Input Impedance

10 Kohm

### Flow Sensor Power Supply

15 VDC, 40 mA  
(Compatible with all Flowmeters)

### Power Requirements

Supply Voltage: 110-130 VAC, 2 Amps

### Physical

Operating Temperature Range:  
32-158°F (0-70°C)

## BENEFITS

### Simple to Install and Use

Requires a flowmeter signal to operate and does not require any external logic or additional wiring.

### Customizable

A programmed minimum and maximum volume limit can be set. Multiple display modes available.

### Audible & Visual Notification

Indicates whether the dispensed volume falls within, below, or above the specified limits with a green, yellow or red light respectively. An audible alarm will sound for a result outside the limits

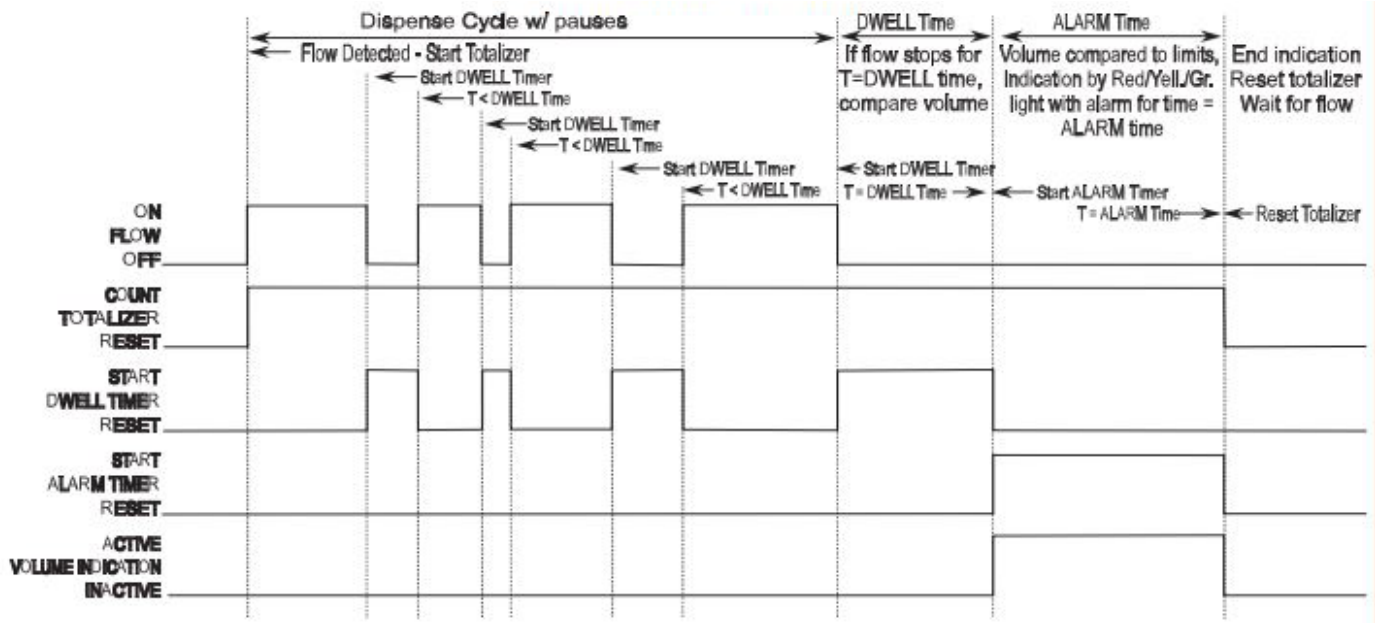
### LCD Display

A large, back-lighted LCD graphic display provides easy to read indication of the dispensed total or flow rate in user programmable engineered units.

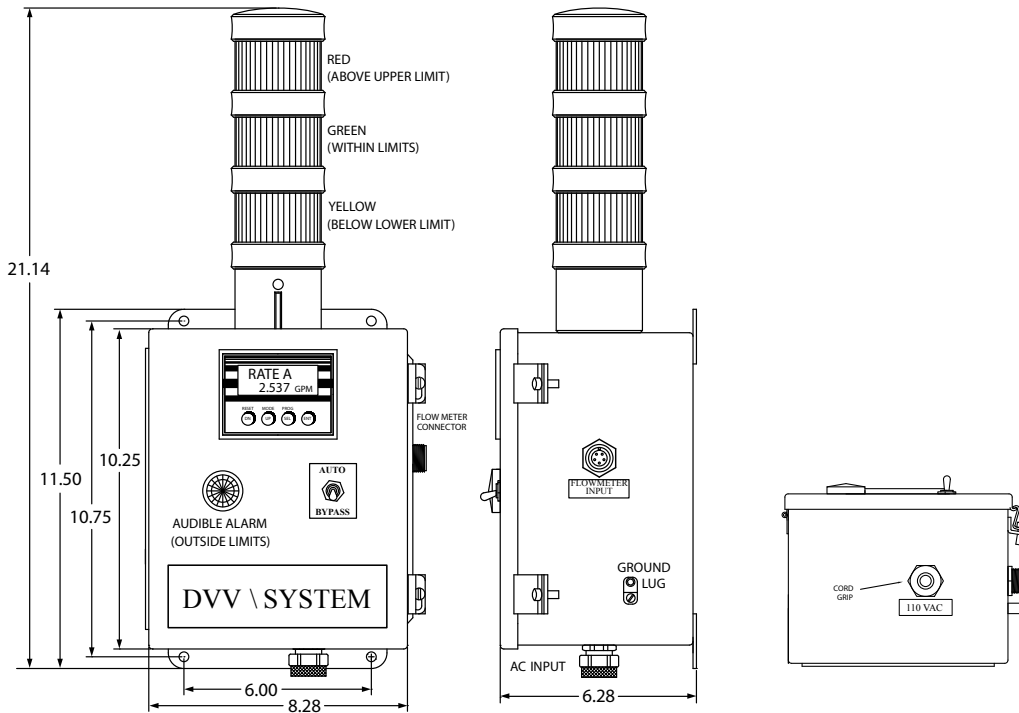
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## TYPICAL TIMING DIAGRAM



## DIMENSIONS



Products may be subject to change without notice - Contact factory for the most up-to-date product information.