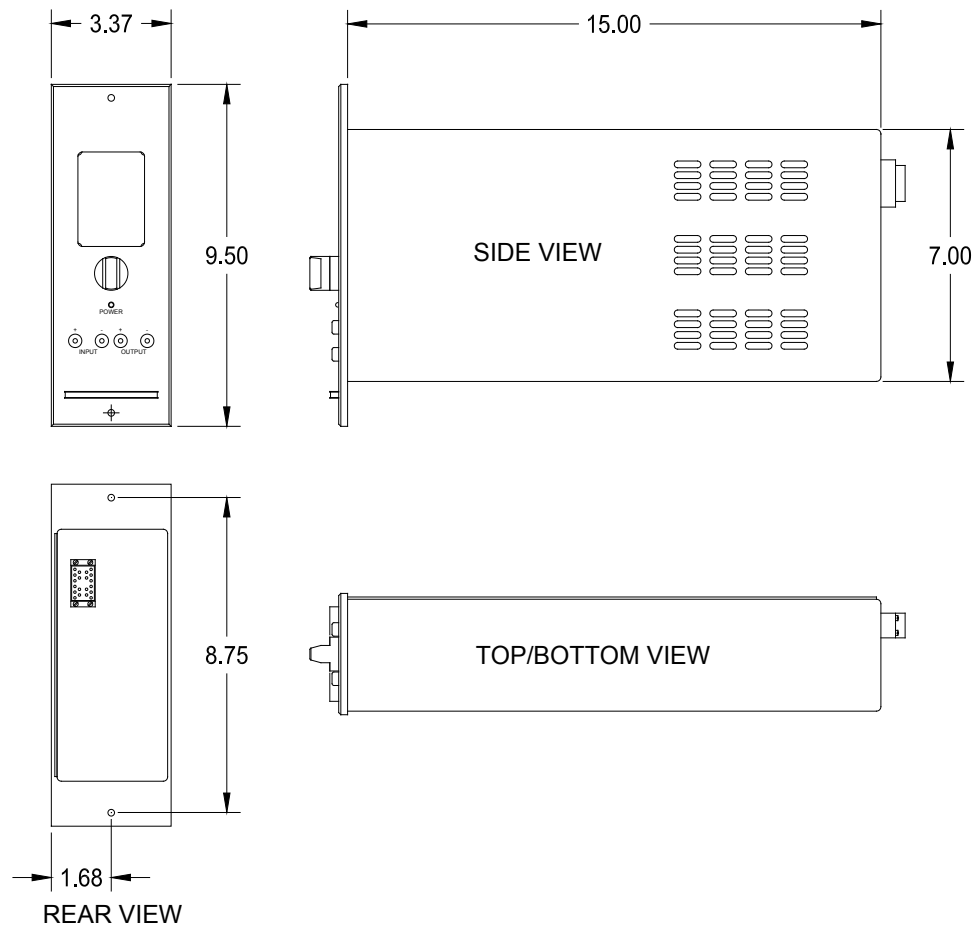


The VTP801 Integrator (voltage to pulse) replaces the obsolete IPAC 610 integrator, and is part of a batch flow control system that includes the NUSI 1200 Series BAT1200 Batch Flow Controller. The VTP801 converts a dc voltage to a directly proportional frequency (pulse train) signal. The pulse output is created by the opening and closing of a dry contact relay.

The Integrator input is a linearized flow signal (such as gallons per minute) and the frequency output represents the corresponding volume, which becomes the signal fed to the flow controller in the system. A pulse counter in the flow controller provides an indication of the VTP801 output. The pulse count represents the time integral of the flow signal input to the integrator (i.e., total volume).



VTP801



# NUSI 800 Series

*Integrator (voltage to pulse)*

## SPECIFICATIONS

Power Supply Voltage:	85 to 264 Vac, 47 to 450 Hz
Power Consumption:	Less than 4 W
Fuse:	1 A slow blow, 250 Vac, 3AG (illuminated fuse holder)
Input:	1 to 5 Vdc
Output:	Normally-Open relay dry contact
Connector:	ELCO 8016 20-pin male, pins exposed, with fixed nut (rear of module)
Front Panel Indicators:	Power LED
	Low-End Cutout LED
	Banana type test jacks for Input and Output
Front Panel Controls:	Zero Adjustment
	Span Adjustment
	Low-End Cutout Adjustment
	Output Range Switch
Safety Qualification:	Qualified to IEEE 344 1975 for structural integrity only
Ambient Temperature:	32 °F to 131 °F (0 °C to 55 °C) (normal operation)
Relative Humidity:	35% RH to 85% RH, non-condensing
Pressure:	Atmospheric

## HOW TO ORDER

Order model number VTP801.

### CONTACT INFORMATION:

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