

### **Description**

The XEE-1501 Pulse Width/Voltage Transducer converts a pulse width signal into a voltage output signal. It is designed for interfacing building automation systems having pulse width modulated outputs with control devices requiring 0–10 VDC proportional signals.

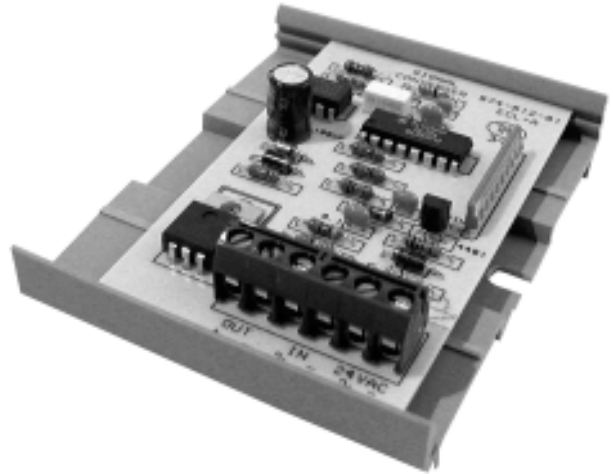
The transducer mounts in a standard 3.25" snaptrack (supplied) and is powered by 24 VAC. The 0–10 VDC output signal is based on a 0–5 second pulse width, with 5 seconds equating to a 10 VDC output signal. The response is linear, i.e.: 2.5 second intervals would equate to a 5 VDC output signal.

On a loss of the pulsed input signal, the XEE-1501 will hold its last output for 60 seconds before resetting to 0 VDC.

### **Features**

The XEE-1501 Pulse Width/Voltage Transducer features:

- ◆ Converts modulated outputs to proportional signals
- ◆ Linear response across output
- ◆ 60 second output hold on loss of input signal

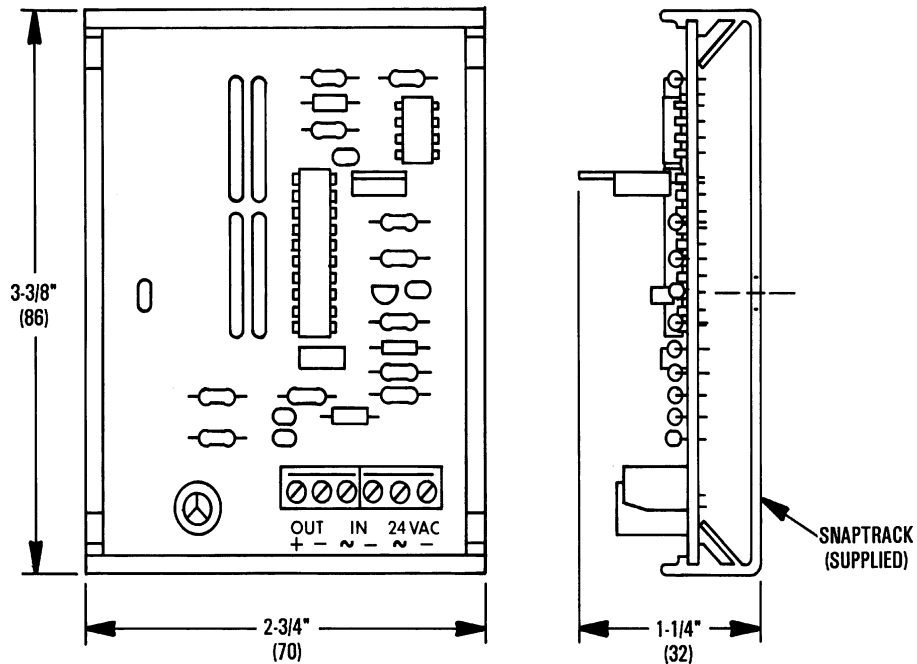


### **Application**

The XEE-1501 Pulse Width/Voltage Transducer is used to interface building automation systems using pulse width modulated outputs with control devices requiring 0–10 VDC proportional signals.

## Details

All dimensions are in inches(mm)



## Specifications

<b>Input Signal</b>	24 VAC; 60 Hz or 50 Hz
<b>Pulse Width</b>	5 sec. (60 Hz) for 100% (10 VDC) 6 sec. (50 Hz) for 100% (10 VDC)
<b>Output Signal</b>	0-10 VDC @ 15 mA.
<b>Supply Voltage</b>	24 VAC +20/-15%, 50/60 Hz, 0.5 VA
<b>Accuracy</b>	±2%
<b>Mounting</b>	2.75" (70 mm) section of 3.25" (83 mm) snaptrack supplied for panel mounting. Not position sensitive.
<b>Connections</b>	Wire clamp type 14-22 AWG, CU
<b>Weight</b>	2 oz. (56 grams)
<b>Temperature Limits</b>	
Operating	40° to 120° F (4° to 49° C)
Shipping	-40° to 140° F (-40° to 60° C)

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