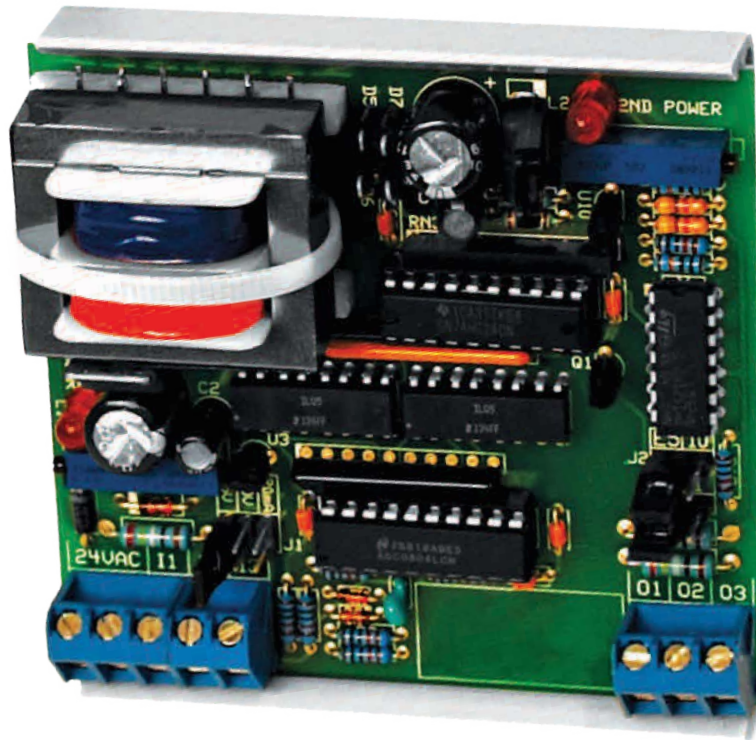


# One to One Analog Isolation Module

Specifications subject to change without notice. | Nov 19 2014 | USA 200204 | Page 1 of 2



## AIM1



The AIM1 optically isolates an analog voltage or current input signal from its corresponding output signal. The factory calibrated output is linear and proportional (1:1 ratio) to the input signal. The AIM1 will accept a 0 to 5 VDC, 0 to 10 VDC, or 0 to 20 mA input span and output any one of those same ranges. It requires one external 24 VAC isolation transformer for power and has an onboard 24 VAC isolation transformer to supply the isolated output.

## SPECIFICATIONS

<b>Supply Voltage</b>	24 VAC +/-10%		
<b>Supply Current</b>	100 mA maximum		
<b>Input Signal Impedance</b>	0 to 5 VDC/20,000Ω	0 to 10 VDC/20,000Ω	0 to 20 mA/250Ω
<b>Output Signal/Impedance</b>	0 to 5 VDC/5000Ω	0 to 10 VDC/5000Ω	0 to 20 mA (source or sink)/500Ω
<b>Accuracy</b>	Voltage Modes: +/- 1%	Current Source Modes: +/- 2%	Current Sink Modes: +/- 1%    Linearity: +/- 1%
<b>Operating Temp/RH</b>	32 to 120°F (0 to 48.9°C)/10 to 95% non condensing		
<b>Product Dimensions</b>	(L) 3.25" (W) 3.42" (H) 1.50"		

## ORDERING

Please select AIM1 as an Interface Device (A).

### Interface Device

**AIM1** (One to One Analog Isolation Module)

## BUILD PART NUMBER

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

(A)

EXAMPLE: AIM1

