



## AIM2

Input

Analog

Output

Analog

### *Analog Isolation Module with Rescaling Options*

The AIM2 optically isolates the analog (voltage or current) signal to the device being controlled. It will accept any input signal between 0 and 20 VDC, or 0 and 20 mA, and output any signal within those ranges. The AIM2 has preset or adjustable inputs and preset or adjustable outputs that can be either voltage or current. The current signals on the input or output can be either sink or source. The AIM2 requires one external 24 VAC isolation transformer with floating secondary for power. It has an onboard 24 VAC isolation transformer to supply power to the isolated output. The AIM2 is field calibratable, however, factory calibration is available upon request.

The AIM2 is covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, [www.workaci.com](http://www.workaci.com).



## SPECIFICATIONS

Supply Voltage	24 VAC +/-10%
Supply Current	200 mA maximum
Input Preset Ranges	0-5V, 0-10V, 0-15V, 0-20V, 1-5V, 2-10V, 3-15V, 4-20V, 0-1V, 0-20 mA, 4-20 mA, 0-1 mA
Adjustable Voltage Span	1 volt (minimum) to 20 volts (maximum)
Adjustable Voltage Offset	From 0 to 20 volts
Adjustable Current Span	4 mA (minimum) to 20 mA (maximum)
Adjustable Current Offset	From 0 to 20 mA
Input Impedance	Voltage: 9,500Ω, Current: 250Ω +/-1%
Signal Output Preset Ranges	0-5 VDC, 1-5 VDC, 0-10 VDC, 2-10 VDC, 0-20 mA, 4-20 mA
Adjustable Voltage Span	1 volt (minimum) to 20 volts +/- 1 volt (maximum)
Adjustable Voltage Offset	From 0 to 10 volts
Adjustable Current Span	0 mA (minimum) to 20 mA (maximum)
Adjustable Current Offset	From 0 to 20 mA
Output Impedance	Voltage: 5,000Ω Current: 500Ω
Accuracy/Linearity	+3%/+1%
Operating Temp/RH	32 to 150°F (0 to 65.56°C)/10 to 95% non condensing
Product Dimensions	(L) 4.60" (W) 3.25" (H) 1.20"

## ORDERING

Please select AIM2 as an Interface Device (A).

### **A** Interface Device

☐ **AIM2** (Analog Isolation Module with Rescaling Options)

## 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: AIM2

