

## SPECIFICATIONS

Supply Voltage	24VAC +/-10%
Supply Current	100mA maximum
Input Signal Impedance	0 to 5VDC/20,000 $\Omega$ 0 to 10VDC/20,000 $\Omega$ 0 to 20mA/250 $\Omega$
Output Signal/Impedance	0 to 5VDC/5000 $\Omega$ 0 to 10VDC/5000 $\Omega$ 0 to 20mA (source or sink)/500 $\Omega$
Accuracy	Voltage Modes: +/- 1% Current Source Modes: +/- 2% Current Sink Modes: +/- 1% Linearity: +/- 1%
Operating Temp/RH	32 to 120°F (0 to 48.9°C)/10 to 95% non condensing
Approval	RoHS

## ORDERING

**BUILD YOUR PART#**

EXAMPLE

AIM

AIM

step 1

A Device

Select AIM.

AIM

## 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 volt, 0 to 10 volt, or 0 to 20 mA input span and output any one of those same ranges. It requires one external 24VAC transformer for power and has an onboard 24VAC isolation transformer to supply the isolated output.

The AIM1 is covered by ACI's Two (2) Year Limited Warranty, which is located in the front of ACI's Sensors & Transmitters catalog or can be found on ACI's web site, which is: [www.workaci.com](http://www.workaci.com).