

SPECIFICATIONS

Supply Voltage	24VAC +/-10%
Supply Current	200mA maximum
Input Preset ranges	0-5V, 0-10V, 0-15V, 0-20V, 1-5V, 2-10V, 3-15V, 4-20V, 0-1V, 0-20mA, 4-20mA, 0-1mA
Adjustable Voltage Span	1 volt (minimum) to 20 volts (maximum)
Adjustable Voltage Offset	From 0 to 20 volts
Adjustable Current Span	4mA (minimum) to 20mA (maximum)
Adjustable Current Offset	From 0 to 20mA
Input Impedance	Voltage: 9,500Ω, Current: 250Ω +/-1%
Signal Output Preset ranges	0-5VDC, 1-5VDC, 0-10VDC, 2-10VDC, 0-20mA, 4-20mA
Adjustable Voltage Span	1 volt (minimum) to 20 volts +/- 1 volt (maximum)
Adjustable Voltage Offset	From 0 to 10 volts
Adjustable Current span	0mA (minimum) to 20mA (maximum)
Adjustable Current Offset	From 0 to 20mA
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
Approval	RoHS

ORDERING

BUILD YOUR PART#

EXAMPLE

AIM2

AIM2

step 1

A Device

Select AIM2.

AIM2

aim2

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 volts, or 0 and 20mA, 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 24VAC isolation transformer with floating secondary for power. It has an onboard 24VAC isolation transformer to supply power to the isolated output.

The AIM2 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.