



# ARM2

Input

Analog, Resistive

Output

Analog

## *Analog Current or Voltage to Dual 4-20 mA Output*

The ARM2 will accept a single analog voltage or current signal and split that signal into two DC non-isolated current sourcing outputs that can be rescaled. Its primary application is as a signal splitter. The outputs are always scaled identically and will track each other. The ARM2 can be powered by a 24 VAC or VDC source. It has an adjustable gain and offset and a regulated 23 VDC output power supply to power sensors and can also accept a resistance input by using voltage divider applications. The ARM2 is field calibratable, however, factory calibration is available upon request.

The ARM2 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	22.8 to 30 VDC, 21.6 to 26.4 VAC
Supply Current	100 mA maximum
Power Supply Output (For User)	23 VDC nom @ 24 VAC input, 30 mA maximum
Voltage Range/Impedance (Input)	0 to 35 VDC/1,000,000Ω nominal
Current Range/Impedance (Input)	0 to 44 mA/249Ω +/-1%
Current Range/Impedance (Output)	0 to 20 mA/750Ω maximum
Accuracy	Less than or equal to 1% of output span
Signal Gain	1 to 20 times (Field Adjustable)
Signal Attenuation	0-100% (Field Adjustable)
Signal Offset	+/-0.25 to 20 volts (Field Adjustable)
Signal Inversion (Reverse Acting)	20 to 0 mA (Field Adjustable)
Operating Temp/RH	32 to 120°F (0 to 48.9°C)/10 to 95% non condensing
Product Dimensions	(L) 3.69" (W) 2.17" (H) 1.0"

**ORDERING**

Please select ARM2 as an Interface Device (A). Choose an Optional Accessory (1) if desired.

**A** Interface Device

- ARM2** (Analog Current or Voltage to Dual 4-20 mA Output)

**1** Optional Accessories

- (None)
- ENC1** (ENC1 Enclosure)
- DRC** (Din Rail Mounting Kit)

**BUILD PART NUMBER**

After completing (A) from the above table, fill in the Part Number Table below. (1) is an Optional Accessory. An example part number is offered.

EXAMPLE: ARM2 <sup>A</sup>

EXAMPLE: DRC <sup>1</sup>

