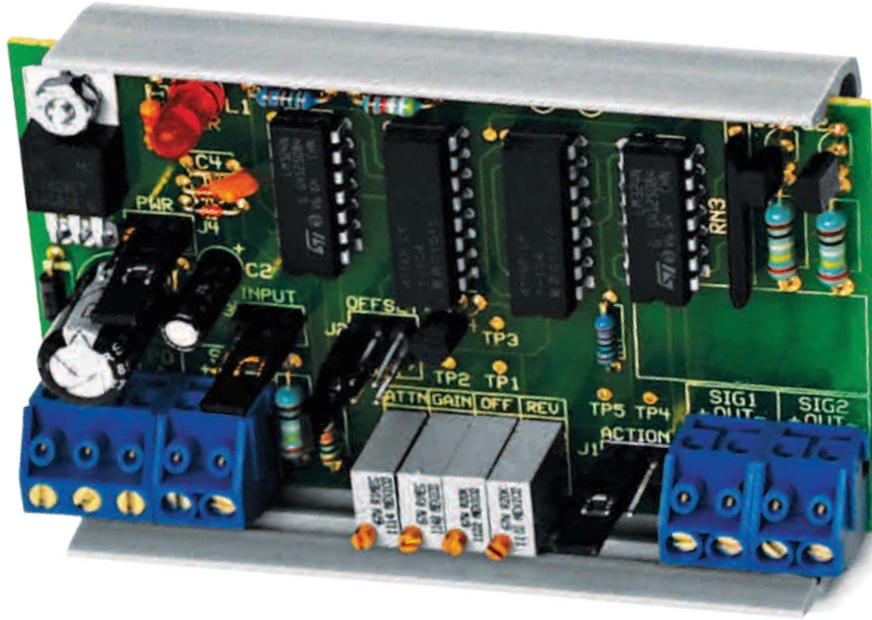


ARM2



| | | | |
|-------|-------------------|--------|--------|
| Input | Analog, Resistive | Output | Analog |
|-------|-------------------|--------|--------|

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.

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.

A

EXAMPLE: ARM2

1

EXAMPLE: DRC

