

AIMH021 Series

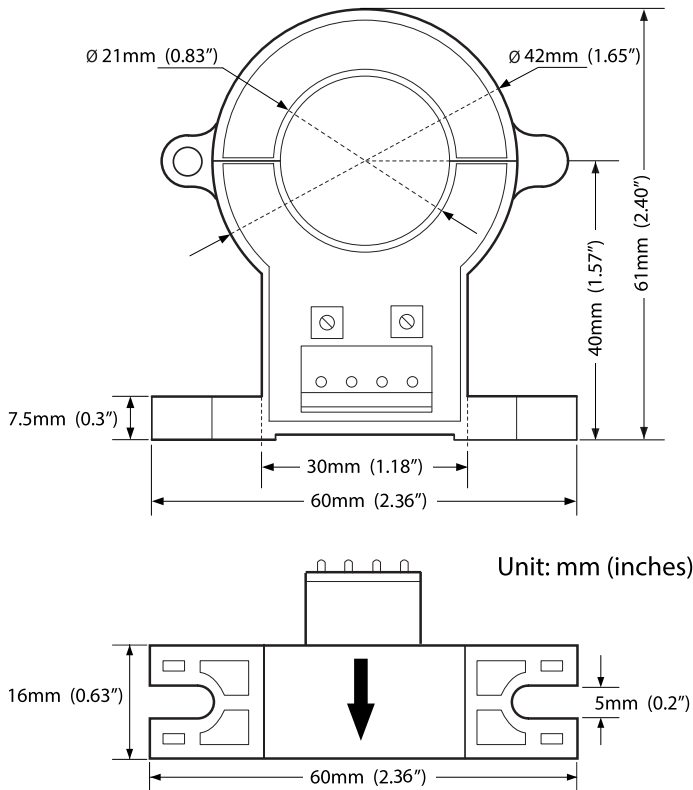
# 21mm Hall Effect Current Sensor

Aim Dynamics' AIMH021 series utilizes the Hall Effect principle to measure DC (or AC\*) current up to 200 A. They output a corresponding -5 to +5 V or 4 - 20 mA signal, depending on the option chosen. The AIMH series is 1% accurate and can be ordered to anticipate unidirectional input.

### SPECIFICATIONS

Rated Primary Current	50A, 100A, 200A
Rated Output	-5 to +5 V or 4-20mA DC
Power Supply	+/-15 Vdc Required, 35 mA max
Temperatures	Storage: -22°F to 221°F (-30° to 105°C) Operating: 14°F to 185°F (-10° to 85°C)
Offset	None
UL Max Voltage	600V on Bare Conductor
Operating Frequency	DC to 10 kHz (-3 dB) *
Certifications	61010-1, EN 60044-1
Accuracy	+/-1% Class per IEC 61869-2
Weight	0.23lbs (0.104 kg)

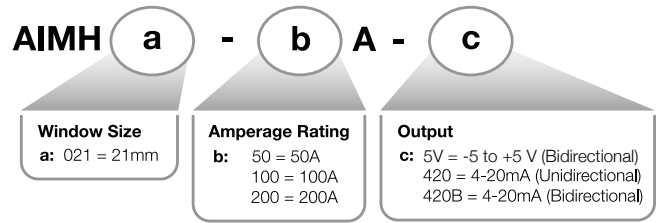
\*All 4-20 mA versions measure DC currents only



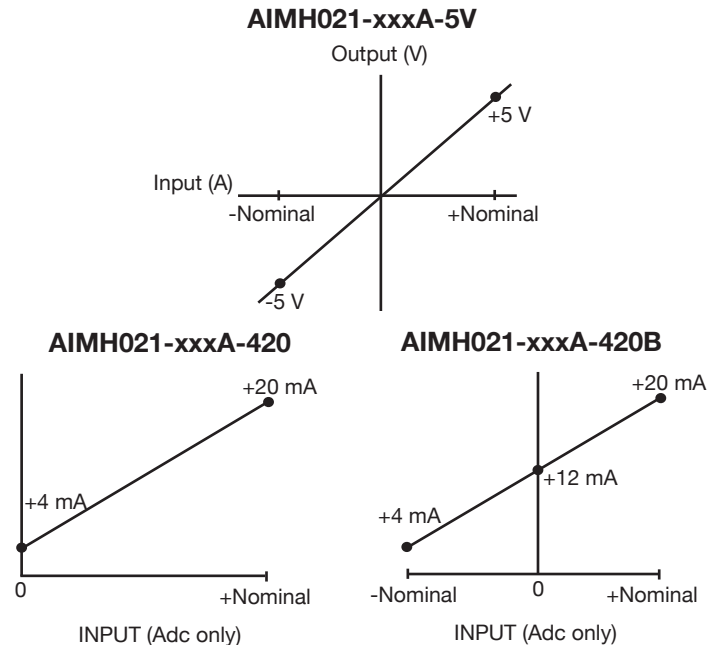
### WIRING

+	= +15 Vdc
-	= -15 Vdc
M	= Signal
⊥	= Common

### MODEL BUILDER



### OUTPUT CHARTS



### SAFETY

