

AIMH040 VT Series

# 40mm Hall Effect Current Sensor

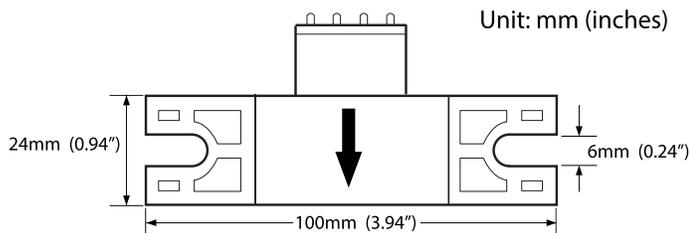
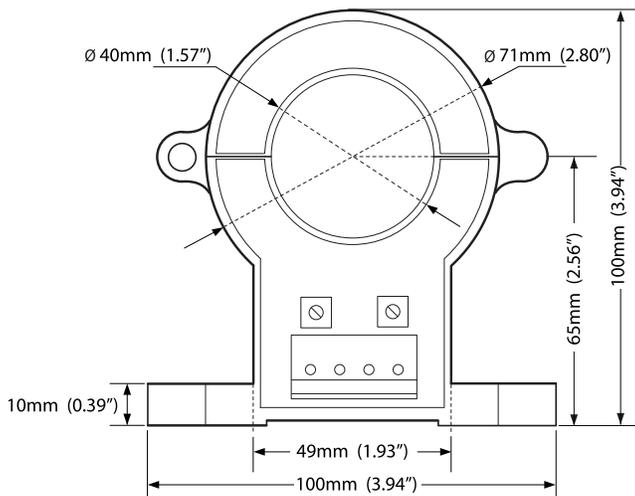
Aim Dynamics' AIMH040 VT series utilizes the Hall Effect principle to measure DC current up to 1000A, unidirectional. They output a corresponding 0-5 Vdc signal. The AIMH040 VT series is 1% accurate. The AIMH040 VT is not suitable for monitoring AC currents (use the AIMH040 standard series instead).

### SPECIFICATIONS

Rated Primary Current	500A, 800A, 1000A
Rated Output	+0-5Vdc
Power Supply	+12 Vdc Required
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	0.70 lbs (0.32 kg)



WIRING	
+	= +12 Vdc
M	= Signal
⊥	= Common



### MODEL BUILDER

**AIMH** **a** - **b** **A** - **c**

<b>Window Size</b> a: 040 = 40mm	<b>Amperage Rating</b> b: 500 = 500A 800 = 800A 1000 = 1000A	<b>Output</b> c: 5VT = 0-5V (Unidirectional)
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### SAFETY

- CE and RoHS Compliant

