



H970HCA

**DIRECT
CURRENT
APPLICATIONS!**

**5 Year
Warranty**

Hawkeye® 970 Series

Split-Core DC Current Transducers with Analog Outputs

Full featured product maximizes versatility

- Factory calibrated switch-selectable amp ranges (20/40/80, or 50/100/200) for high resolution and installation ease
- Each model provides mA and DC voltage outputs for maximum installation flexibility
- Self-gripping iris eliminates the need for drill mounting...easy installation
- Status LED ensures proper wiring...easy set up
- 5-year limited warranty

The **Hawkeye 970 Series** provides accurate load level monitoring of DC Current Loads. By combining a state of the art Hall sensor with proven transducer circuitry the 970 provides a single product solution. Slide-switch selectable amperage ranges and field-selectable mA and VDC outputs maximize flexibility.

APPLICATIONS

Monitor DC loads:

- Battery chargers
- Motor armature current
- Motor field current
- Automotive loads
- Marine equipment

ORDERING INFORMATION

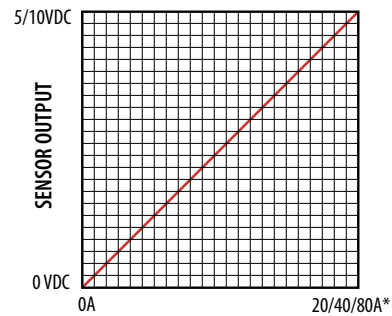
<p>(Amp Range)</p> <p>H970 <input type="checkbox"/></p> <p>LC = 0-20/40/80ADC slide-switch selectable</p> <p>HC = 0-50/100/200ADC slide-switch selectable</p>	<p>(Outputs)</p> <p><input type="checkbox"/></p> <p>A = 4-20mA & 0-5VDC</p> <p>B = 4-20mA & 0-10VDC</p>
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Example: H970 LC A .
 (DC current transducer with field-selectable amp ranges of 0-20/0-40/0-80ADC with 4-20mA & 0-5VDC outputs)

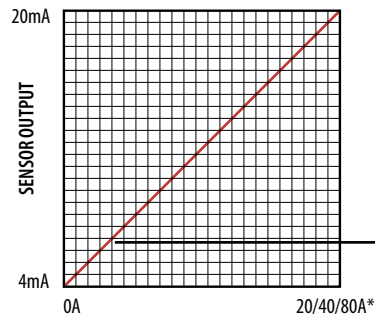
ACCESSORIES

DIN Rail Clip Set...See page 234

H970LC
Linear Uni-Polar Analog Outputs
 Scale software as shown

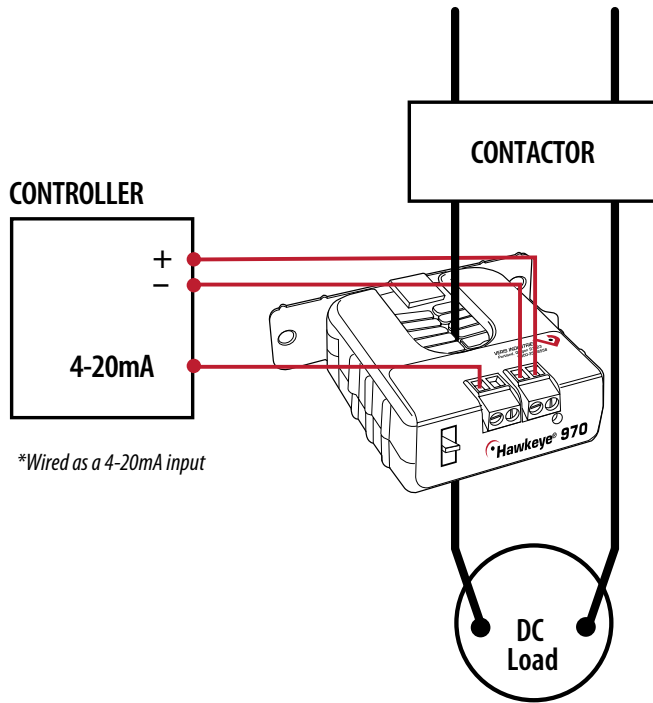


*Slide-Switch Selectable

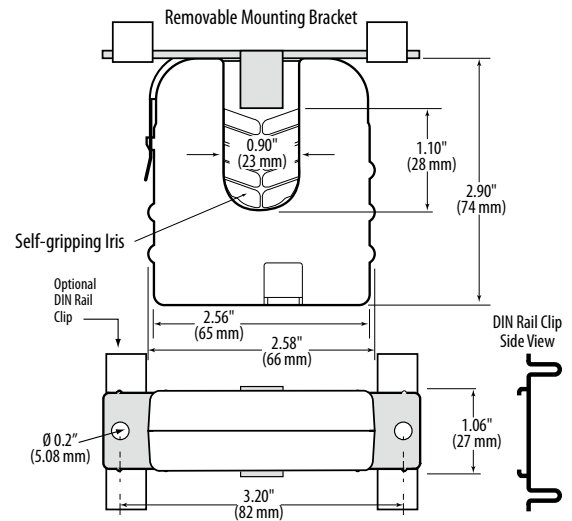


*Slide-Switch Selectable

APPLICATIONS/WIRING EXAMPLE



DIMENSIONAL DRAWINGS



SPECIFICATIONS

System Technology	Open loop Hall effect
Amperage Range	LC (0-20/40/80) or HC (0-50/100/200) slide-switch selectable
Sensor Supply Voltage	12-30VAC/DC, except 0-10VDC output signal 15-30VAC/DC
Output	4-20mA, 0-5VDC/0-10VDC, (2) options per
Insulation Class	600VAC RMS/840VDC
Frequency Range	DC
Temperature Range	-15° to 60°C
Humidity Range	0-95% non-condensing
Accuracy	±3% F.S., combined linearity, hysteresis and repeatability
Repeatability	±1%
Linearity	±1%
Response Time	2 sec.
Supply Current	35mA max.
Dimensions ... (LxWxH)	2.90" (74mm) x 2.58" (66mm) x 1.06" (27mm)
Sensor Opening Size ... (LxW)	1.10" (28mm) x .90" (23mm)
LED Output	5Hz. Pulse=Norm, Off=No Power, Solid On=Over Range