

Hawkeye® Split-Core DC Current Transducers with Analog Outputs

970 Series

60



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 in field flexibility.

APPLICATIONS

Monitor DC loads:

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

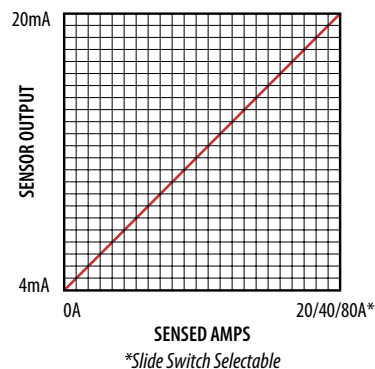
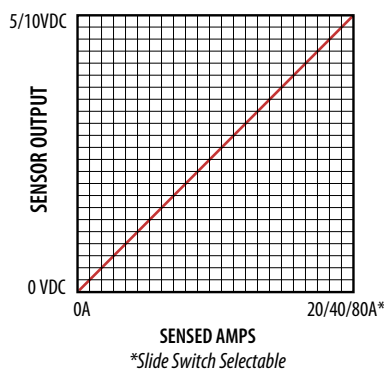
Full featured product maximizes versatility

- 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

H970LC

Linear Uni-Polar Analog Outputs

Scale software as shown



ORDERING INFORMATION

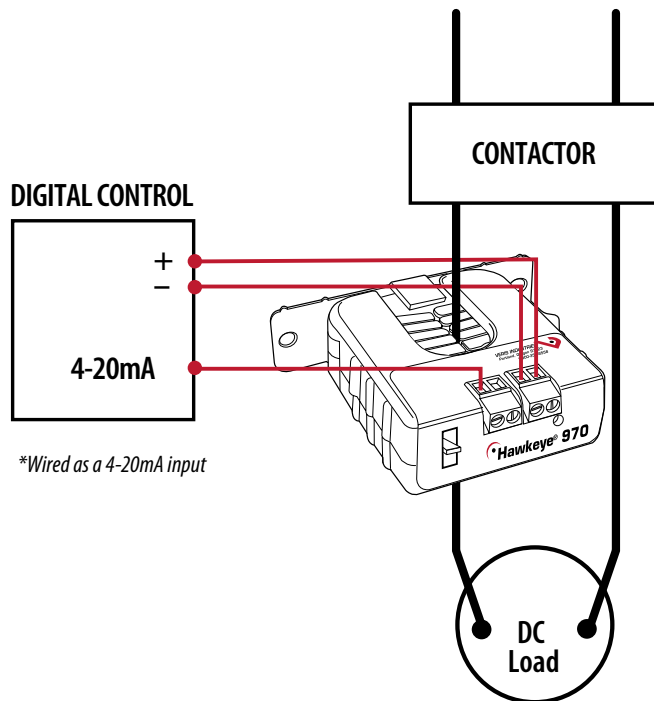
(Amp Range)	(Outputs)
H970 <input type="checkbox"/>	<input type="checkbox"/>
LC = 0-20/40/80ADC Slide switch selectable	A = 4-20mA & 0-5VDC
HC = 0-50/100/200ADC Slide switch selectable	B = 4-20mA & 0-10VDC

Example: H970 (DC current transducer with field-selectable amp ranges of 0-20/0-40/0-80ADC with 4-20mA & 0-5VDC outputs)

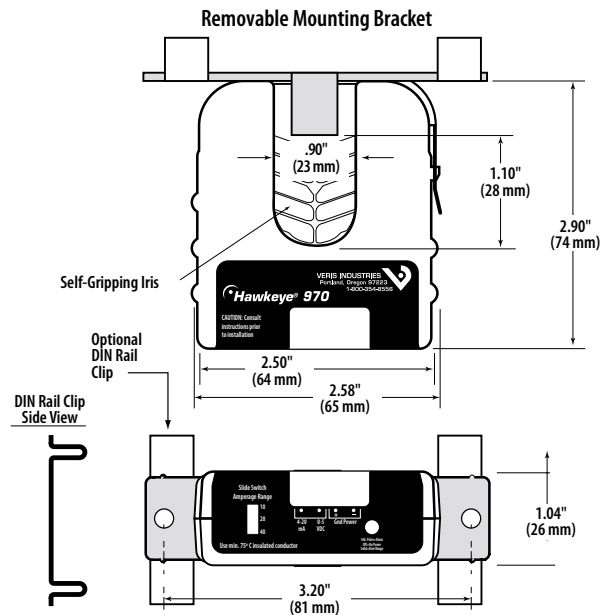
ACCESSORIES

MODEL	DESCRIPTION
AH01	DIN Rail Clip Set

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/850VDC
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...(L x W x H)	2.90" x 2.58" x 1.04"
Sensor Hole Size...(L x W)	1.10" x .90"
LED Output	5Hz. Pulse=Norm, Off=No Power, Solid On=Over Range