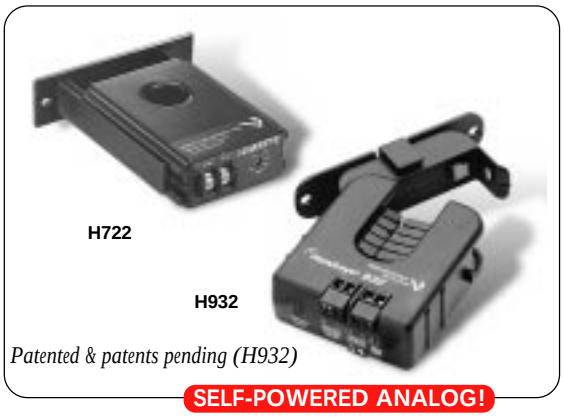
Self-powered 0 – 5 VDC Analog Current Sensors



Patented & patents pending (H932)

SELF-POWERED ANALOG!

Description

The H722, 922, and 932 provide accurate load trending information with a proportional 0-5 VDC output signal. The H932 features an integral command relay for start/stop applications.

Applications

- Load trending
- Motor control

Self-powered analog current sensor with integral start/stop command relay (H932)

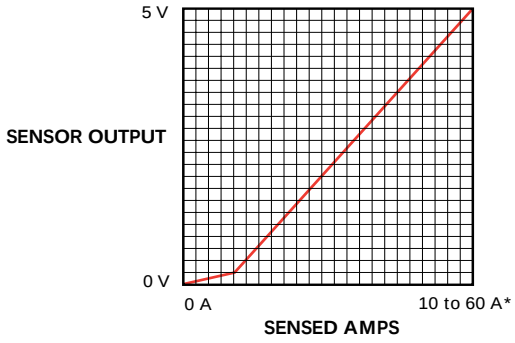
- Reduces the number of installed components...saves time and space
- Self-gripping split core for fast retrofit installation...no need to remove conductor (H922/932) or economical solid-core features adjustable bracket for easy alignment (H722)
- No jumpers on unit...reduces installation error
- No external power required for sensor

Selectable factory calibrated ranges up to 120 A for increased flexibility and resolution

- Factory calibrated switch selectable ranges (30, 60, 120 A) for high resolution and installation ease*
- H722 features a span adjustment potentionmeter for maximum resolution
- One device to install...reduces installation charges
- Mounting bracket for installation flexibility
- 24 VAC/DC command relay switches up to 5 A @ 240 VAC
- Made in USA; 5 year limited warranty

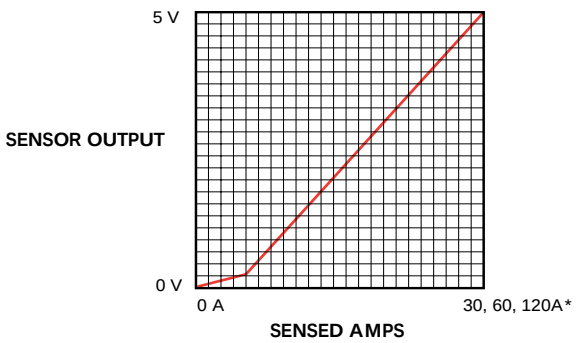
**Factory calibrated ranges selected with the amperage range switch*

H722



**Adjusted with Span Potentionmeter*

H922/932



**Factory calibrated ranges selected with the amperage range switcch*

Ordering INFORMATION

MODEL	AMP RANGE	OUTPUT	COMMAND RELAY
Split-core *H932	30/60/120 A	0 – 5 VDC, self-powered	●
H922	30/60/120 A	0 – 5 VDC self-powered	
Solid-core H722	10 to 60 A	0 – 5 VDC, self-powered	

COMMAND RELAY: Coil = 24VAC/DC@10 mA; Contact = Form A (SPST) 5(3)@250 VAC/30 VDC, 1/8 HP

**Custom calibration available upon request*

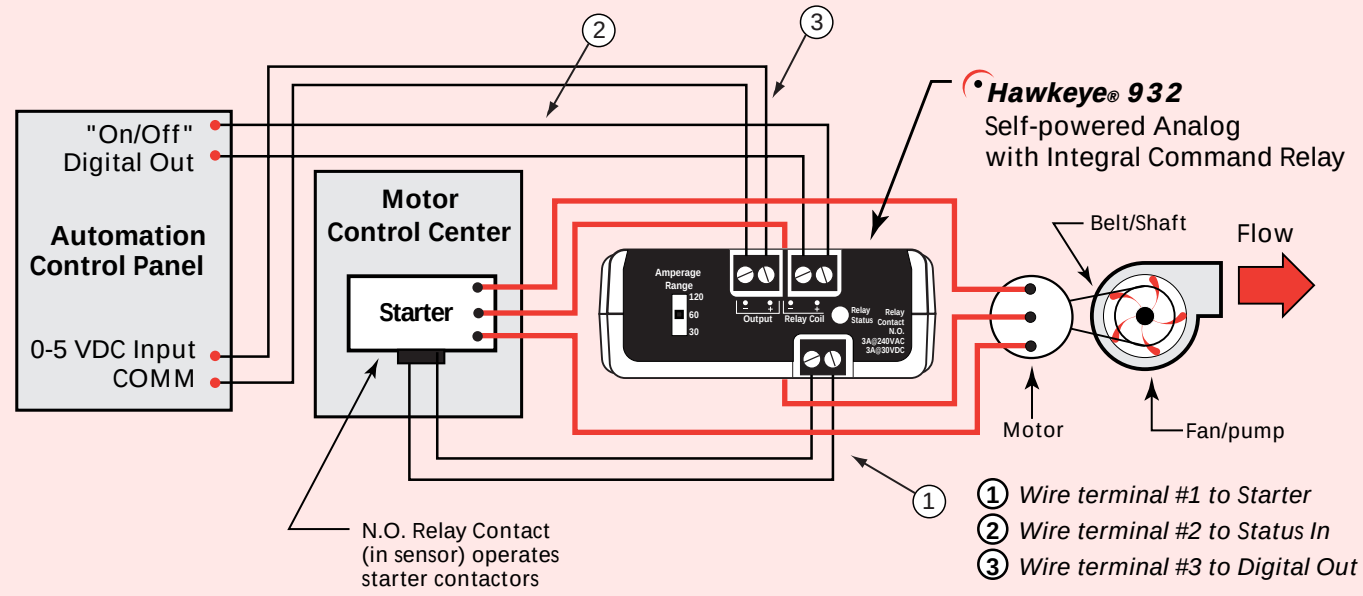
Optional Ordering INFORMATION

MODEL	DESCRIPTION
H700/900-DIN	DIN Rail Clip Set compatible with all split-core models

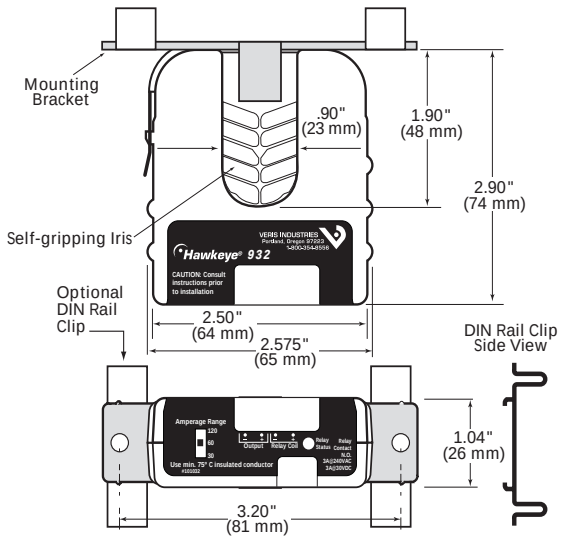
Not available for the H722

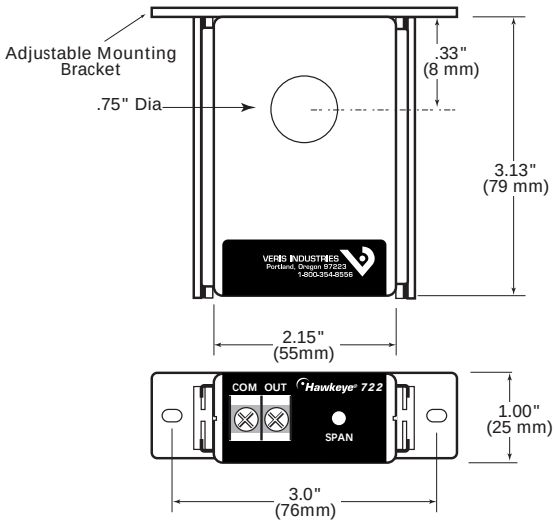
Hawkeye®

APPLICATIONS/WIRING DIAGRAM: Trending & Controlling Motor Loads With the Hawkeye 932



DIMENSIONAL DRAWINGS





SPECIFICATIONS

Amperage Range ..... see ordering table
Isolation ..... 600 VAC rms
Frequency Range ..... 60 Hz. nominal
Accuracy
722 ..... ±2% of reading from 10% to 100% of full scale range
922, 932 ..... ±2% full scale from 0 to 10% of full scale
Temperature Range ..... -15º to 60º C
Humidity Range ..... 0 - 95% non-condensing
Relay Coil ..... 24 VAC/DC 15 mA nom.
Solid-core 722 Dimensions..... L xWxH 2.95" x 2.68" x 1.03"
Sensor Hole Size: ..... 0.750"
Split-cores 922, 932 Dimensions. ..... L xWxH 2.90" x 2.575" x 1.04"
Sensor Opening Size ..... (L x W) 1.90" x .90"