

# Current Transducers: 0-5VDC Analog Output

## Hx22 Series



**Hawkeye™**



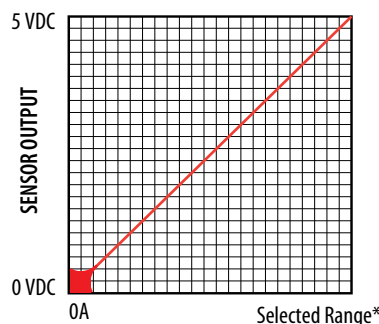
## SPECIFICATIONS

**5 Year**  
Warranty

|                                 |                                                                                          |
|---------------------------------|------------------------------------------------------------------------------------------|
| <b>Sensor Power</b>             | Induced from monitored conductor                                                         |
| <b>Insulation Class</b>         | 600VAC RMS (UL), 300VAC RMS (CE)                                                         |
| <b>Frequency</b>                | 50/60 Hz nominal                                                                         |
| <b>Temperature Range</b>        | -15° to 60°C (5° to 140°F)                                                               |
| <b>Humidity Range</b>           | 10-90% RH non-condensing                                                                 |
| <b>Accuracy</b>                 | ±2% F.S. from 10% to 100% (selected range)                                               |
| <b>Response Time</b>            | 2 sec.                                                                                   |
| <b>Terminal Block Wire Size</b> | 24-14 AWG (0.2 to 2.1 mm <sup>2</sup> )                                                  |
| <b>Terminal Block Torque</b>    | 3.5 to 4.4 in-lbs (0.4 to 0.5 N-m)                                                       |
| <b>Agency Approvals</b>         | UL 508 open device listing; CE: EN61010-1, CAT III, pollution degree 2, basic insulation |

## EXAMPLE LINEAR OUTPUT

Scale software as shown



\*Factory calibrated ranges selected  
with the amperage range switch

## Load Trending With 0-5 VDC Output

### FEATURES

- Self-powered analog current sensor simplifies installation
- No external power required for sensor...no extra power supplies needed
- Self-gripping, split-core design for fast retrofit installation...no need to remove conductor (H922)
- Economical solid-core models feature adjustable bracket for easy alignment (H722xLC)
- No jumpers on unit...reduces installation error
- Selectable factory calibrated ranges for increased flexibility and resolution
- Some models available with three field-selectable ranges per unit...fewer versions to choose from, stock, and install
- Mini-sized H822 fits easily in tight enclosures
- Removable bracket on H922 can be installed in three different configurations...added flexibility
- 100% solid state, no moving parts to fail
- Fixed current models...speed installation
- 5-year warranty

### DESCRIPTION

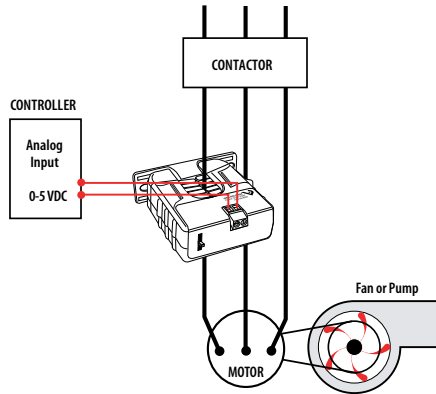
The **Hawkeye 722, 822, and 922** provide accurate load trending information with a proportional 0-5VDC output signal. Slide-switches provide easy field selection of monitored amperage range without jumpers (available on some models).

### APPLICATIONS

- Load trending
- Motor control
- Positive proof of flow

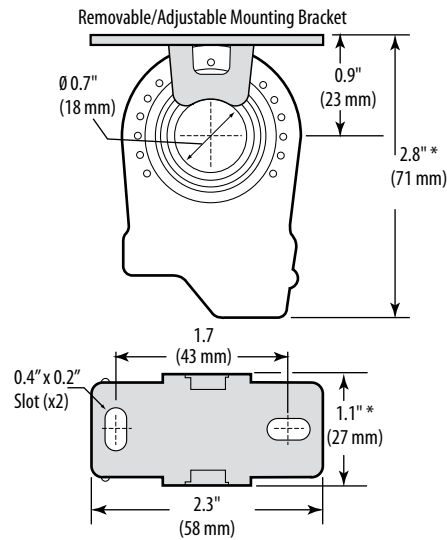
## WIRING DIAGRAM

Monitoring Fan / Pump Motors for  
Positive Proof of Flow

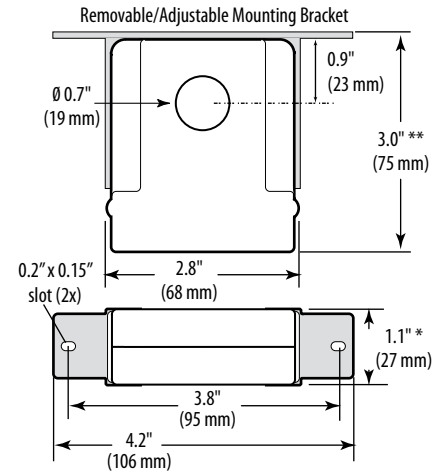


## DIMENSIONAL DRAWINGS

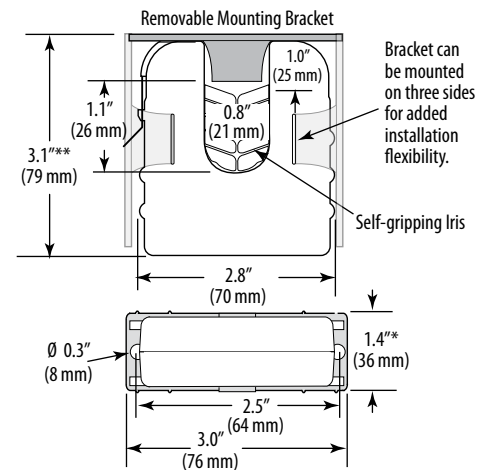
H822/H822-20



H722LC/H722HC



H922



\* Terminal block may extend up to 1/8" over the height dimensions shown.  
\*\* Slide switch may extend up to 1/4" over the height dimensions shown.

## ORDERING INFORMATION

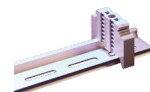


| MODEL    | AMPERAGE RANGE  | SENSOR OUTPUT | HOUSING    | UL             | CE | RoHS |
|----------|-----------------|---------------|------------|----------------|----|------|
| H722LC   | 0 - 10/20/40A   | 0 - 5VDC      | Solid-Core | ●              | ●  |      |
| H722HC   | 0 - 50/100/200A |               | Solid-Core | ●              | ●  |      |
| H822     | 0 - 10A         |               | Solid-Core | ●              |    | ●    |
| H822-20  | 0 - 20A         |               | Solid-Core | ●              |    | ●    |
| H922     | 0 - 30/60/120A  |               | Split-Core | ● <sup>1</sup> | ●  |      |
| H922030A | 0 - 30A         |               | Split-Core |                | ●  |      |
| H922060A | 0 - 60A         |               | Split-Core |                | ●  |      |
| H922120A | 0 - 120A        |               | Split-Core |                | ●  |      |

<sup>1</sup> Listed for use on 75°C insulated conductors.

## ACCESSORIES

DIN Rail Clip Set (AH01)  
DIN Rail (AV01) and DIN Stop Clip (AV02)



AH01

AV01

AV02