INSTALLATION

!CAUTION !

- ***This product is not intended for life or safety applications***
- ***Installing sensors in an energized motor control center or on any energized conductor can be hazardous.***

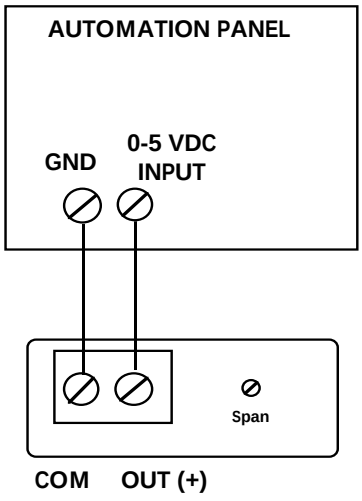
Severe injury or death can result from electrical shock during contact with high voltage conductors or related equipment. Disconnect and lockout all power sources during installation. Applications shown are suggested means of installing sensors, but it is the responsibility of the installer to ensure that the installation is in compliance with all national and local codes. Installation should be attempted only by individuals familiar with codes, standards, and proper safety procedures for high-voltage installations. Do not rely on status indications of device exclusively to determine of power is present in conductor.

1. Ensure power conductor to be monitored is disconnected and locked out from the power source!

2. The sensor may be located at any point on the conductor between the motor and the motor starter. LINE side installation (in front of inverter) is recommended for variable frequency drives. In critical applications where LOAD side installation is desired, use model #720. Install the adjustable mounting bracket using 2 sheet metal screws provided.

3. Slide the conductor through the center hole in the sensor and connect the conductor to the lugs on the motor starter.

4. Wire the sensor as shown below. This sensor will produce a 0 - 5 VDC output.



! Warning !

Status indicators of this device should not be relied on to determine whether or not the monitored conductor is connected to a power source. Doing so may result in injury or death from electrical shock.

Installation Instructions
HAWKEYE 722
Self-powered Analog Current Sensor with Span Adjust

VERIS INDUSTRIES, INC.
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PORTLAND, OREGON 97223
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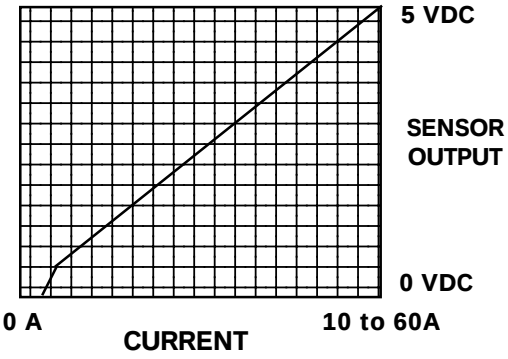
CALIBRATION



Important Note: Sensor requires 1 A monitored current for turn-on. Linear signal (2% accuracy) is achieved after monitored current exceeds 10% of scale selected.

Span Adjustment

The SPAN adjustment is used to set the full-scale of the sensor to match to load being monitored. Set SPAN to correlate the maximum 5 V output to maximum loads from 10 to 50 A. Label scale is adequate for many applications. NOTE: MINIMUM SETTING FOR SPAN IS 10A. At monitored currents of less than 10 A, less than 5 VDC signal will be produced.

For highest resolution settings of SPAN:

1. Operating at maximum load, measure sensor output voltage (VDC).
2. Adjust SPAN until the sensor output voltage is 5 VDC (or less, depending on application).

NOTE: On low amperage applications (i.e., x < 2A) the monitored conductor may be looped through the sensor multiple times to increase measured current. Monitored current = initially measured current X number of wraps.

SPECIFICATIONS

Monitored Amperage Ratings.....60A continuous (in-rush protected)
Accuracy.....2% F.S.
Span Adjustment.....10 to 50 A, full scale
Isolation.....600 VAC rms
Temperature Range.....-15 to 60ºC
Humidity Range.....0-95% non-condensing

Literature ref. # L10132-597