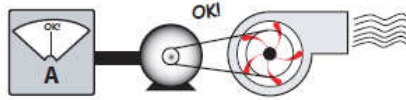


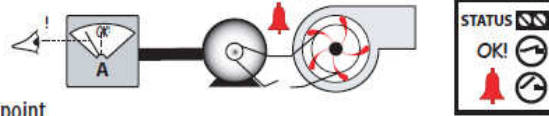
Hawkeye 909 Current Sensor Setup

CALIBRATION

Establish normal load conditions.



A. To monitor under-current (belt loss, coupling shear, status)



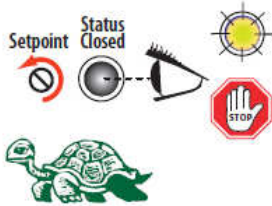
Find Setpoint adjustment screw



1. Turn setpoint screw clockwise until Status OPEN LED turns ON.



2. S-l-o-w-l-y turn the screw counter-clockwise until the Status CLOSED LED just turns ON.

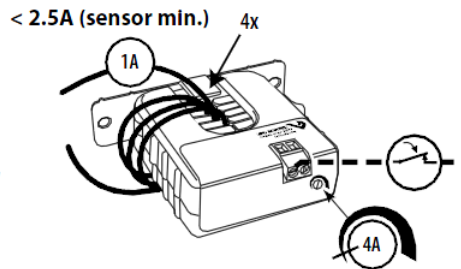


3. Turn the screw an additional 1/4 turn counter-clockwise for operational margin.

For load currents less than sensor minimum rating:

Wrap the monitored conductor through the center hole and around the sensor body to produce multiple turns through the "window." This increases the current measured by the transducer.

• Controller must be programmed to account for the extra turns. e.g., if four turns pass through the sensor (as shown) the normal controller reading must be divided by 4.



TROUBLESHOOTING

Problem	Solution
No Reading at Controller	<ul style="list-style-type: none"> • Check sensor calibration (see above) • Check for control voltage at sensor (<120V) • Check for amperage in monitored conductor (> 2.5A) • Assure that sensor core mating surfaces are clean and that the core clamp is completely closed
Setpoint screw has no stops	The setpoint screw has a slip-clutch at both ends of its travel to avoid damage. Twenty turns CCW will reset the sensor to be most sensitive. Repeat calibration above.
Both LEDs are lit	Setpoint screw is too far clockwise. See solution above.