Airflow Sensor - SH-AFS-00

The enviromon airflow sensor is designed for systems that generate heat in the course of their operation and a steady flow of air is necessary to dissipate this heat generated. System reliability and safety could be jeopardized if this cooling airflow stops.

The airflow sensor is placed in the path of the air stream, where the user can monitor the status of the flowing air. The airflow sensor is not a precision measuring instrument. This device is meant to measure the presence or the absence of air flow.

In addition to the sensors ON or OFF status, the airflow sensors condition can also be read via an SNMP get using its OID. SNMP traps sent when critical. SNMP polling via get available. Web browser interface available. When an alarm condition is activated the description and location of the fault can be sent via email, page.

This is not a precision sensor, it is ONLY designed to sense the presence and absence of airflow and not to measure the amount of airfow. It is best used to send an alert in the case of a fan, AC failure or when airflow is present when it should not be.

Airflow Sensor's Main Features

- **On/off alarm signal of airflow**
- **Accurate, cost effective flow sensing**
- **Operates from a single +5 V DC Power Supply which powered by the sensorHawk**
- **2 LEDs indicate the status of airflow and that the sensor is securely plugged into the sensorHawk**
- **Electronics mounted in a small plastic case**
- **Sensor type – open/closed contact switch sensorHawk auto detects the presence of the airflow sensor**
- **Up to 2 airflow sensors per sensorHawk2, 8 per sensorHawk8 and securityHawk**
- **Full autosense including disconnect alarm**
- **Data graphically displayed via a web page**
- **SH-AFS-00 can be extended to your desired cable length using one of our CAT5 extension cables, CABXX, or you can provide your own cable of any length up to 60 feet.**

Technical Specifications

Data Collection : via Network Management
Operating Temperature : -20°C to 60° C
Communication Cable : RJ45 Jack
Sensor Type: Thermistor / ON or OFF
Sensor Power: Powered by sensorHawk or securityHawk base unit. No external power required.
Trap Information: Warning sensor number, Sensor description, On or Off condition.

Note: *The Airflow Sensor is only compatible with the securityHawk, securityHawk 5E, securityHawk 5ES, newer sensorHawk2 shipped after October 2009, sensorHawk4, and sensorHawk8, sensorHawk8-X20/X60 units shipped after July 1st 2011.*

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