NS8000 Series Network Sensors

Temperature, Relative Humidity, Occupancy and CO_2 − all in a single sensor

72.0 °F

74.5

40 166

Johnson Controls

The power behind **your mission**

Johnson Controls

No Clutter.
No Compromise.

A full line of next-generation sensors.

With a bold and innovative design, the NS8000 Series Network Sensors offer attractive form and practical function. Just one device addresses the essential sensing capabilities of temperature, humidity, CO_2 and occupancy. These sensors help improve both the owner and occupant experience, are compatible with your existing systems, and can meet the requirements of virtually any application.

Cut wall clutter, reduce installation costs, and maximize occupant comfort
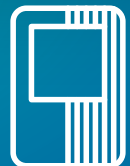
Delivers essential data to drive BAS control strategies

Can be surface mounted or vertical wallbox mounted

Optimized for California Energy Code (Title 24)

Modern black and sleek white color options

The Sensor That Does it All

NS8000 Features & Benefits

- **Made in America:** meets the Buy American standard.

- **BACnet MS/TP protocol communication:** for compatibility with Johnson Controls equipment controllers.

- **Single and multifunctional sensors:** choose temperature, RH, CO_2 and occupancy sensing depending on HVAC needs.

- **Full color graphical display or large backlit LCD fixed segment display:** provides real-time status of the environment with backlighting activated during user interaction.

- **Easily configurable temperature setpoint:** available on display and Warmer/Cooler models.

- **Onboard occupancy sensor available on PIR models:** offers up to 30% energy savings in high-usage environments, and facilitates trending of floor space usage.

- **Temporary occupancy included on all display and Warmer/Cooler models:** provides a timed override command, which initiates a temporary occupancy state.

- **Field-selectable display settings:** toggle between temperature (°F & °C), CO_2, RH and temperature, and set the desired default for continuous viewing.
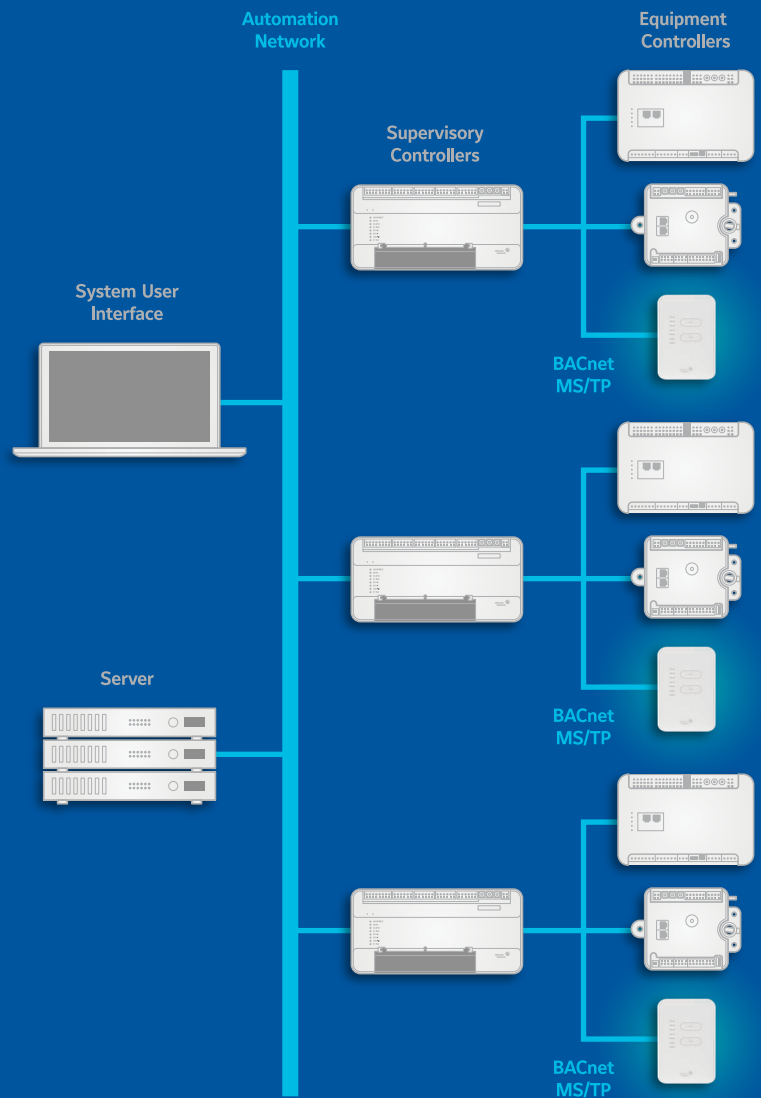
Fluent in Your Building's Language

The NS8000 Series communicates directly with your Building Automation System

Powerful and precise sensors are the backbone of a robust BAS control strategy. The NS8000 series accurately gathers and communicates critical HVAC data to any Johnson Controls BAS.

Technical Features

- **Multiple Sensor Options** The NS8000 Series Network Sensors monitor zone temperature, relative humidity (RH), carbon dioxide (CO_2) and occupancy.

- **Simplified Wiring** All models come standard with modular jack and screw terminal connections to terminate the wiring connecting the sensors to the controller.

- **Manual Occupancy Override Option** Interaction with the sensor signals to the controller that the zone is occupied and to override the scheduled mode (not available on non-display models).

- **SA Bus Access Port** Allows the user to connect accessories to service or commission the connected controller, or gain access to any other controller on the same field controller (FC) bus.

- **Fan Speed Adjust and Setpoint Control** All display models include fan speed settings (automatic, off, low, medium or high) and adjustable zone temperature setpoint.

Automation Network

Equipment Controllers

Supervisory Controllers

System User Interface

BACnet MS/TP

Server

BACnet MS/TP

BACnet MS/TP

Contact us about the NS8000 Series Network Sensors today at JohnsonControls.com/GlobalSensors

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