

Flush Mount Sensors

NSA-7000

Network Sensors

The Flush Mount NSA-7000 Network Sensor Series with LCD is an electronic zone sensor designed to function directly with Johnson Controls® BACnet® MS/TP digital controllers in heating, ventilating and air conditioning (HVAC) systems. Models in this series monitor the temperature set point, zone temperature and humidity and transmit this data to a field controller on the Sensor Actuator (SA) bus.

NSA-FHR71x3-0 can toggle on the display between temperature and relative humidity, depending on desired default display.

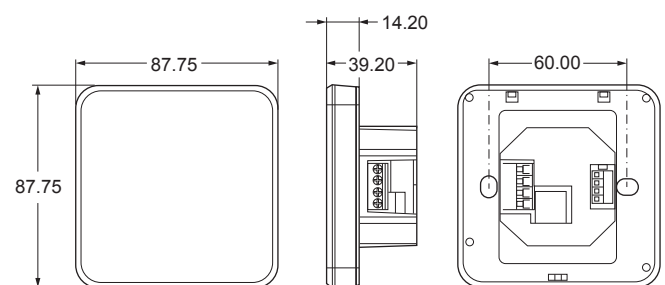
A push button is included in NSA-FTD70x3-0 to set the desired fan speed (OFF/LOW-MED-HIGH-AUTO). All models have occupancy button, which allows user to signal when the zone is occupied, to set the comfort mode only when is necessary.

The model without display NSA-FHN7001-0 has not buttons but provides an accurate measurement of the zone temperature and humidity.

For communication wiring flexibility, all models have both a modular jack and screw terminals for an easy connection to the METASYS controllers.

Features

- ▶ **Large backlit display in a low profile enclosure** – provides a modern looking clear user interface.
- ▶ **Flush mount installation** – suitable for various installation boxes, offers low profile enclosure.
- ▶ **Programmable SA Bus Address** – addressable through the display without the use of tool or screwdriver.
- ▶ **Easy wiring** – NSA700 offers both type of connections: Modular Jack (MJ) and Screw terminal (ST).
- ▶ **Configurable options help product selection** – setpoint type and limits can be configured during the installation.
- ▶ **Customizable display helps tenants to meet building policy** – NSA can show actual values or setpoint only.
- ▶ **Keypad lockable in public space** – the NSA sensor buttons can be locked against misuse in public space.
- ▶ **Customize colors meet customer needs** – the white front panel may be optionally customized in black or other colors.



Dimensions in mm

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Ordering Information

White Standard devices

Codes	LCD	Temperature	Humidity ¹	Fan Control	Temperature Adjustment ²	°F/°C Scale Toggle	Occupancy Override	Screw Terminal ³	Address Selection ⁴
NSA-FHN7001-0	---	•	• (±3%)	---	---	---	---	ST/MJ	---
NSA-FTD7003-0	•	•	---	•	Adj/WC	•	•	ST/MJ	•
NSA-FTB7003-0	•	•	---	---	Adj/WC	•	•	ST/MJ	•
NSA-FHR7103-0	•	•	• (±3%)	---	Adj/WC	•	•	ST/MJ	•

Black Optional devices

There is MOQ (Minimum Order Quantity) requirement for black devices

Codes	LCD	Temperature	Humidity ¹	Fan Control	Temperature Adjustment ²	°F/°C Scale Toggle	Occupancy Override	Screw Terminal ³	Address Selection ⁴
NSA-FHN7011-0	---	•	• (±3%)	---	---	---	---	ST/MJ	---
NSA-FTD7013-0	•	•	---	•	Adj/WC	•	•	ST/MJ	•
NSA-FTB7013-0	•	•	---	---	Adj/WC	•	•	ST/MJ	•
NSA-FHR7113-0	•	•	• (±3%)	---	Adj/WC	•	•	ST/MJ	•

Notes

1. For models with humidity sensor, the humidity value also can be displayed in LCD.
2. Adj/WC, Setpoint Adjust 12 to 28°C (Default) / WC (Warmer/Cooler) Setpoint ±3°C mode.
3. All models equipped with both ST (Screw Terminal) and MJ (Modular Jack).
4. Default address is 199. Model without display has fixed address 199. Model with display can be configured between 199 to 215.
In a mixed bus configuration 4 sensors max.