



Product Data

Temperature Sensor with Display

Data Sheet



SAFETY WARNING

Only qualified personnel should install and service the equipment. The installation, starting up, and servicing of heating, ventilating, and air-conditioning equipment can be hazardous and requires specific knowledge and training. Improperly installed, adjusted or altered equipment by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the literature and on the tags, stickers, and labels that are attached to the equipment.



Trademarks

All trademarks referenced in this document are the trademarks of their respective owners.

Overview

The features, benefits, and specifications of the Trane® wired temperature sensor with an LCD display are summarized in this document.

In addition to this sensor, Trane offers a full line of wired and wireless temperature sensors. Wired temperature sensors are the suitable alternative for locations that cannot accommodate wireless sensors or that require a service tool connection. Wireless temperature sensors, which provide easy and flexible installation, are a cost-effective alternative to wired sensors.

Features and Benefits

Features	Benefits
Temperature Setpoint Control	Allows the tenant to choose a temperature setpoint that satisfies their personal preference.
Occupancy Override	Allows tenants to request temporary timed override system operation, which permits the building to maintain comfortable conditions.
Fan and System Settings	Allows tenants to locally control the system operating mode and fan speed according to their personal preferences.
COMM Module	Provides a local RJ11 (RJ22 compatible) connection to a Trane service tool for easy, low-cost maintenance.

Part Numbers

Setpoint	Fan control	System	Occupancy	COMM Module	Part Number	BAYSENS	Global Parts
Single	No	No	Yes	Yes	X1379088601	NA	SEN02076
Single	Off/Auto/Low/Med/High	No	No	Yes	X1379088604	NA	NA
Dual	Auto/High	Cool/Off/Auto/Heat/Emergency Heat	No	Yes	X1379088605	BAYSENS131A	NA

Note: All sensors listed can be field configured to match the applicable unit controller options.

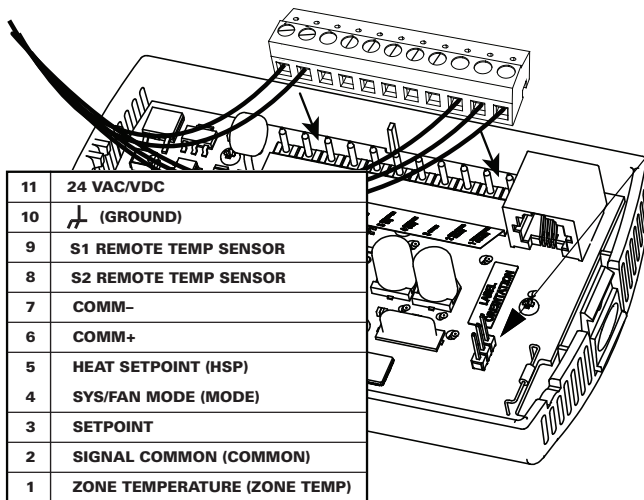
Specifications

Specification	Range, Value, or Comment
Sensor Operating Temperature	From 32°F to 122°F (0°C to 50°C)
Storage Temperature	From -40°F to 185°F (-40°C to 85°C)
Storage/Operating Humidity Range	5% to 95% Relative Humidity (RH), Non-condensing
Thermistor Accuracy	0.2°C at 25°C, 1%
Setpoint Functional Range	50°F to 89.6°F (10°C to 32°C)
Housing Material	Polycarbonate/ABS blend, UV Protected, UL 94-5VA Flammability Rating, Suitable for Application in a Plenum
Mounting	Fits a standard 2 in. by 4 in. junction box (vertical mount only). Mounting holes are spaced 3.2 in. (83 mm) apart on vertical center line. Includes mounting screws for junction box and wall anchors for sheetrock walls. Overall dimensions: 2.9 in (74 mm) by 4.7 in. (119 mm)
Resolution	0.125°F over a range of 60 to 80°F (15.6 to 26.7°C); 0.25°F when outside this range
Accuracy	0.5°F over a range of 55 to 85°F (12.8 to 29.4°C)
Power Consumption	<1 VA

Agency Compliance

- United States: UL listed
- Canada: CUL listed
- Europe: CE marked

Wiring Terminations



Jumper is installed from factory to display local temperature reading. To enable external sensor option, move jumper to **Ext** location.

Local



If jumper is positioned as shown here, the display shows the local temperature sensor reading (default).

Ext



If jumper is positioned as shown here, the display shows the external temperature sensor reading.

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