

FUTURA

Low Profile
Wall-Mount
Temperature
Sensor



FUTURA is a line of precise, rugged area-temperature sensors for HVAC system control. Futura housings feature inconspicuous, snag-free styling that blends with any office decor.

LOGIC ONE® – technology you can rely on

Novar's LOGIC ONE Advanced Building Control System delivers better reliability, greater versatility and more standard features than any other building control system on the market. LOGIC ONE technology is designed to maximize the operational efficiency of any HVAC or lighting system. The result: lower energy costs, increased comfort, and reduced equipment maintenance.

*Bottom Line: With Novar
You Know It's Accurate*

NOVAR[®]
CONTROLS

With Novar, you know.

LOGIC ONE



Specifications

FUTURA

Futura temperature sensors are designed for indoor placement wherever attractive, contemporary styling is desired. The snag-free profile prevents damage to clothing and other objects. As part of a Novar control system, Futura sensors provide accurate, reliable data for optimum temperature control.

Physical Characteristics

Height:	2.125 inches.
Width:	3.125 inches.
Depth:	1.125 inches.
Mounting:	Mounting holes (two for each application) allow fastening to an interior wall or to the optional adapter plate or thermostat handy box.

Operating Environment

Temperature:	Room temperature. Not intended for outdoor installation.
Humidity:	0 to 95% relative, noncondensing.

Electrical

Power:	Low voltage supplied from controller.
Wiring:	22-AWG or larger diameter.
Maximum Wiring Length:	FTS-1 – 5,000 feet. FTS-2 and FTS-2A – 500 feet. FTS-3 and FTS-3A – 100 feet.
Status Indication:	Schedule-status indicator LED.

FTS-1

For use with the following Novar controllers:	Input/Output Module (IOM). Input/Output Module/2 (IOM/2). Savvy™ Executive Controller (EC). Hawki™ Electronic Thermostat Module models ETM-2010, ETM-2020, ETM-2024, ETM-2040.
Controlling Range:	20° to 120° F (-7° to 49° C).
Output:	4 to 20mA.
Standard Features:	Timed override button. Status LED.

FTS-2 and FTS-2A

For use with the following Novar controllers:	Variable Air Volume Controller (VAV-4020). ETM-3010.
Controlling Range:	20° to 127° F (-7° to 53° C).
Output:	0 to 3.5VDC.
Standard Features:	Timed override button. Status LED. FTS-2A only - temperature setpoint adjustment.

FTS-3 and FTS-3A

For use with the following Novar controllers:	Unit Ventilator Controller (UVC). Electronic Thermostat Controller (ETC). ETM-3051. Heat Pump Controller Plus (HPC Plus).
Controlling Range:	20° to 127° F (-7° to 53° C).
Standard Features:	Timed override button. Status LED. FTS-3A only - temperature setpoint adjustment.

Optional Futura Adapter Plate

Application:	Allows Futura sensors to be mounted on a standard 2-inch by 4-inch electrical handy box.
Mounting:	Two holes to fit handy box.
Size:	3.125 inches by 4.25 inches by .1875 inches deep.

Optional NovarNet Data Jack

Application:	Allows a personal computer to connect to the sensor for system access. Accepts a standard mini-stereo plug.
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