



## Product Description

### Standalone Modulating Thermostat

NCTSM1 thermostat is the stylish digital thermostat, suitable for modulating controls of FCU systems. The thermostat has a large screen showing room temperature and set point.

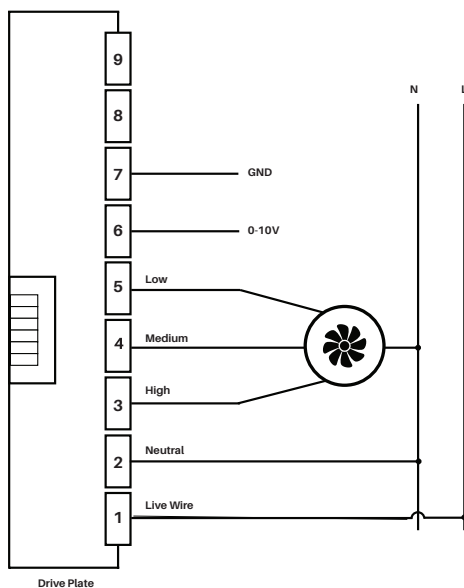
### Application

The thermostat measures temperature of a room or distant space and then output 0-10VDC signal to control cooling/heating devices and use relays to switch fan speeds and extra on/off devices in the HVAC system to maintain the room space temperature in a desired temperature setpoint.

### Installation

The thermostat is installed in 86 x 86 mm box.

## Wiring Diagram



## Features & Benefits

- ▶ Stylish Digital Modulating Thermostat
- ▶ FCU Controls
- ▶ 2-pipe Systems
- ▶ Modulating 0-10V Control Output
- ▶ Fan Speed Selection Low/Med/High/Auto
- ▶ Convenient Large Display

## Technical Information

<b>Operating Voltage:</b>	24VAC $\pm$ 10%, 50/60 Hz
<b>Max. Resistive Current:</b>	< 3A
<b>Power Consumption:</b>	< 1.5W
<b>Output Signal:</b>	0-10 VDC
<b>Ambient Temperature Range:</b>	0 ... 50 °C
<b>Setpoint Range:</b>	10 ... 30 °C
<b>Accuracy</b>	$\pm$ 1°C
<b>Operation</b>	Push buttons for Power, Mode, Fan Speed, Up and Down
<b>Fan Speed Selection</b>	High, Medium, Low and Automatic fan speed control
<b>Protection Class</b>	IP30
<b>Enclosure</b>	ABS to UL94-5 fire retardant plastic
<b>Mounting</b>	Installed in 86 x 86 mm box

## Ordering Codes

NCTSM12	Standalone modulating thermostat, 2-pipe heating/cooling
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