

# Temperature Sensors

## T7750 Wall Modules



Temperature sensors for use with Excel 10 Series 1000 Controllers. The T7750 Wall Modules provide the following additional combination of options to the customer: analog setpoint input and for models used with Excel 10 Controllers, override (bypass) digital input contact, LED status indicator and network access jack.

- Integral linearized 20K ohm NTC thermistor.
- Vertical Mounting.
- Models available with setpoint adjustment.
- Models available with occupied/unoccupied override.
- For use only as replacement of existing T7750's.
- Not for new installations.
- All new Honeywell controllers now use TR20 Series Wall Modules.

**Application:** Wall Modules

**Dimensions, Approximate:** 5 1/32 in. high x 3 5/32 in. wide x 1 19/32 in. deep (128 mm high x 80 mm wide x 41 mm deep)

**Operating Temperature Range:** 45 F to 99 F (7 C to 37 C)

**Setpoint Temperature Range:** 55 F to 85 F (12 C to 30 C)

Product Number	Sensor Type	Mounting	Comments	Used With
T7750A1000/U	20 K ohm NTC linear	Wall mount	—	W7751
T7750B1008/U	20 K ohm NTC linear	Wall mount	Has optional setpoint	W7751; Excel 20, 80, 100, 500, or 600
T7750C1006/U	20 K ohm NTC linear	Wall mount	Has optional setpoint, override, and override LED	W7751
T7750D1004/U	20 K ohm NTC linear	Wall mount	Has override, and override LED	W7751

## T7771 Wall Module



The T7771A Remote Temperature Sensors are direct wired wall modules for use with the Honeywell T7350 Commercial Programmable Thermostat. The T7771A has a space temperature sensor, LED push button setpoint adjustment, and override with LED.

- Push button setpoint adjustment with LED indicators.
- Occupied/unoccupied override (bypass) with LED.
- LONWORKS® bus jack.
- Operating range 45 to 99 F (7 to 37 C).

**Application:** Remote Room Temperature Sensor for use with T7350 thermostat

**Dimensions, Approximate:** 5 1/32 in. high x 3 5/32 in. wide x 1 in. deep (128 mm high x 80 mm wide x 25 mm deep)

**Color:** White

**Operating Temperature Range:** 45 F to 99 F (7 C to 37 C)

**Setpoint Temperature Range:** offset +/- 3F (offset +/- 1.67 C)

**Shipping Temperature Range:** -40 F to +150 F (-40 C to +65 C)

**Operating Humidity Range (% RH):** 5 to 95% RH, non-condensing

**Comments:** Can be configured to output 10K ohms for use in multiple sensor averaging with T7770A.

**Used With:** T7350

**Approvals**

**N.E.C. Class II**

Product Number	Sensor Type	Network Jack	Mounting	Comments
T7771A1005/U	20 K ohm NTC non-linear	LonWorks Bus	Mounted on a standard 2 x 4 inch junction box or on a 60 mm diameter junction box.	Can be configured to output 10K ohms for use in multiple sensor averaging with T7770A.