

Description

The ProLon T1000 digital sensor is designed to work with a variety of ProLon controllers, to which it transmits information such as the ambient zone temperature, heating and cooling setpoints, occupancy override status and other valuable parameters. The T1000 also provides the user with an access point to view and configure any parameter of the connected controller through a very intuitive onscreen menu system. The T1000 has a circular touchpad, backlit graphical LCD and an auxiliary analog input, useful for an additional temperature reading.



Features

- Circular capacitive touchpad and graphical display, which allow simple and intuitive control
- Designed to work with various ProLon C1000 and VC2000 series controllers, sending them zone temperature, set points and other configuration parameters
- Easy wiring with numbered screw type terminal block or RJ45 modular jack
- Input for auxiliary temperature sensor: Room temperature (average or remote) or slab temperature (for radiant floor applications)
- Circular touchpad and curved features offer a modern look. Other colors available!

Technical specifications

Supply: 24 VAC \pm 10%, 50/60 Hz

Consumption: 5 VA max

Inputs: 1 analog input (Thermistor 10K type 3), 10 bit resolution

Outputs: None

Screen: LCD 80x130 pixels with backlighting

Interface: Circular capacitive touchpad

Sound: Audible feedback during user interactions

Microprocessor: Atmel 32 bits, 60 MHz, 256KB FLASH memory

Wiring: Screw type terminal blocks (16 AWG max) and RJ45 modular jack

Dimensions: 82 mm x 126 mm (3.23" x 4.96")

Weight: 0.1 kg (0.22 lb)

Environment: 0-50 °C (32-122 °F)

Mounting: Standard electrical box 2" x 4"