



Temperature and Alarm Sensor

Part No. FS-TA1

Overview

The Fountain Temperature and Alarm Sensor is an add-on accessory to the Fountain FS-STAT-32AC or FS-STAT-32ACH. It is connected to the Fountain thermostat using 3 wires to provide power and communication. Once connected it provides an input for either an external temperature probe (for temperature monitoring and control) or to add a dry contact input to generate an alarm notification through the Fountain Site Manager. The applications where this device can be used are: to detect the temperature inside of an enclosed refrigerator or freezer, to be placed on a wall in a conditioned space with the thermostat installed in a non-visible location, to monitor supply air or outside air temperature, or to interface with a water detector or similar device to generate a notification alert.

Features:

- 3-wire connection to your Fountain thermostat
- Comes with an internal 10K temperature probe
- Accepts 2-wire 10K external temperature probes.
- Accepts either a normally open or normally closed Alarm input.
- Set-up via Fountain web-based app
- Can average temperature between FS-TA1 and an FS-STAT-32AC(H)
- Continuously collects historical temperature data.



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Specifications:

– Electrical

- Power – hardwire 24VAC, 15mA
- Voltage – 22-28VAC
- Thermistor – 10K Type 2

– Wiring

- 3-wires to FS-STAT-32AC(H) – D, R, C
- 2-wire 10k temperature probe – 100ft max distance
- 2-wire dry contact relay input – 150ft. max distance

– External Probe Temperature Range

- -20F to 180F (-28C to 82C)

– Dry Contact Relay

- Normally open or normally closed contacts

– Operating Range

- -4F to 122F (-20C to 50C)
- Humidity 5 to 90%

– Size

- Dimensions (in.) H 2.5" x W 2.25" x D .75"
- Dimensions (mm) H 63 x W 57 x D 19
- Mounting – Vertical (logo at bottom)

Key Customer Benefits:

- External Temperature Sensing
- Refrigeration and/or Freezer Monitoring
- Supply air or Outside air temperature monitoring
- Dry Contact Alarm Notifications
- Simple Installation
- Small Footprint
- Affordable Solution
- 24/7 Email Customer Support
- Monday thru Friday, 9 - 5 PST Live Support
- 3 Year Warranty

