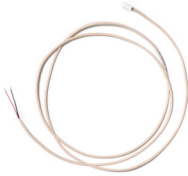


## Temperature Probes

### Standard Temperature Probe

The Standard Temperature Probe is constructed with 24 AWG 2 – conductor cable which is PVC jacketed. A vinyl cap sealed with epoxy protects the sensor on this versatile, accurate and water submersible probe.



**Operating Range:** -40°F to 140°F    **Probe Tip Dimensions:** 0.325”x.521”  
-40°C to 60°C    **Maximum Length:** 1,000 ft

**Accuracy:** 0.5°F (0.3°C) from -20°F (-28.9°C) to 120°F (48.9°C)  
1.5°F (0.8°C) from -40°F (-40°C) to 140°F (60°C)

**Compatible With:**

[Model F; E4/ E16 Temperature Monitor;](#) [EM1 Environmental Monitor,](#) [U4/U16 Temperature Monitor](#)

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### Senturion Temperature Probe

The Senturion Temperature Probe is constructed with a solid copper cable and stainless steel tip. Terminated with an RJ12 connector for easy attachment to the Senturion Rack Mount Environmental Monitor.



**Operating Range:** -40°F to 140°F    **Probe Tip Dimensions:** 0.245”x1.0”  
-40°C to 60°C    **Maximum Length:** 1,000 ft

**Accuracy:** 0.5°F (0.3°C) from -20°F (-28.9°C) to 120°F (48.9°C)  
1.5°F (0.8°C) from -40°F (-40°C) to 140°F (60°C)

**Compatible With:**

[Senturion Rack Mount Environmental Monitor](#)

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### Heavy Duty Temperature Probe

The Heavy Duty Temperature Probe is constructed with a shielded heavy duty cable. Highly accurate and water submersible, this probe is ideal for use outdoors, in high RF and commercial applications.



**Operating Range:** -40°F to 140°F    **Probe Tip Dimensions:** 0.245”x1.0”  
-40°C to 60°C    **Maximum Length:** 1,000 ft

**Accuracy:** 0.5°F (0.3°C) from -20°F (-28.9°C) to 120°F (48.9°C)  
1.5°F (0.8°C) from -40°F (-40°C) to 140°F (60°C)

**Compatible With:**

[Model E; E4/ E16 Temperature Monitor;](#) [EM1 Environmental Monitor,](#) [U4/U16 Temperature Monitor](#)

## Flanged Temperature Probe



This probe is well suited for use in food service environments where contact with food may occur. It is ruggedly constructed with a 7" stainless steel flange and 24AWG, 2-Conductor Cable which is PVC jacketed. The tip is narrow and the flange is 1.8" wide allowing for external attachment.

**Operating Range:** -40°F to 140°F    **Probe Tip Dimensions:** 0.185"x7.0"  
-40°C to 60°C    **Maximum Length:** 1,000 ft

**Accuracy:** 0.5°F (0.3°C) from -40°F (-40°C) to 140°F (60°C)

### Compatible With:

[Model F; E4/ E16 Temperature Monitor](#); [EM1 Environmental Monitor](#), [U4/U16 Temperature Monitor](#)

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## Piercing Temperature Probe



The Piercing Temperature Probe has a 4" stainless steel shaft with a stainless grip and short connecting cable. Ideally suited for insertion into food, soil or other materials this rugged sensor can be repeatedly inserted for testing of multiple samples.

**Operating Range:** -40°F to 140°F    **Probe Tip Dimensions:** 0.005"x4.0"  
-40°C to 60°C    **Maximum Length:** 1,000 ft

**Accuracy:** 0.5°F (0.3°C) from -20°F (-28.9°C) to 120°F (48.9°C)  
1.5°F (0.8°C) from -40°F (-40°C) to 140°F (60°C)

### Compatible With:

[Model F; E4/ E16 Temperature Monitor](#); [EM1 Environmental Monitor](#), [U4/U16 Temperature Monitor](#)

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## Cryogenic Low Temperature Probe



The Cryo probe is suited for use in cold storage, deep freeze, and tissue storage units. The probe is thermistor based and connects to our Heavy Duty Extension Cables.

**Operating Range:** -139°F to 80°F    **Probe Tip Dimensions:** 0.188"x1.10"  
-95°C to 27°C    **Maximum Length:** 1,000 ft

**Accuracy:** 0.5°F (0.3°C) from -94°F (-70°C) to -4°F (-20°C)  
1.5°F (0.8°C) from -139°F (-95°C) to +33.8°F (1°C)

### Compatible With:

[U4/U16 Temperature Monitor](#)

## High Temperature Probe



The High Temperature Probe is constructed of a high gauge 2 conductor wire and stainless steel tip. The included connector and extension cable allows this probe to be placed in almost any environment without the fear of damaging a monitoring unit or other equipment.

**Operating Range:** -13°F to 572°F    **Probe Tip Dimensions:** 0.245" x 1.0"  
-25°C to 300°C    **Maximum Length:** 1,000 ft

**Accuracy:** 0.9°F (0.5°C) from 122°F (50°C) to 392°F (200°C)  
1.8°F (1°C) from -13°F (-25°C) to 482°F (250°C)  
2.7°F (3°C) from 482°F (250°C) to 572°F (300°C)

**Compatible With:**

[U4/U16 Temperature Monitor](#)

## 7" Flanged High Temperature Probe



The Flanged High Temperature Probe is constructed with a 7" stainless steel probe and mounting flange. This is ideally suited for placement in ovens, dishwashers, warming bins and many other applications.

**Operating Range:** -13°F to 572°F    **Probe Tip Dimensions:** 0.185" x 7.0"  
-25°C to 300°C    **Maximum Length:** 1,000 ft

**Accuracy:** 0.9°F (0.5°C) from 122°F (50°C) to 392°F (200°C)  
1.8°F (1°C) from -13°F (-25°C) to 482°F (250°C)  
2.7°F (3°C) from 482°F (250°C) to 572°F

**Compatible With:**

[U4/U16 Temperature Monitor](#)

## Piercing High Temperature Probe



This probe is specifically designed for use in food service applications when constant monitoring of prepared food is required, generally during the cooling phase of food preparation. Ruggedly constructed with a shielded cable, one can utilize this probe over and over without sacrificing performance.

**Operating Range:** -13°F to 572°F    **Probe Tip Dimensions:** 0.005" x 4.0"  
-25°C to 300°C    **Maximum Length:** 1,000 ft

**Accuracy:** 0.9°F (0.5°C) from 122°F (50°C) to 392°F (200°C)  
1.8°F (1°C) from -13°F (-25°C) to 482°F (250°C)  
2.7°F (3°C) from 482°F (250°C) to 572°F (300°C)

**Compatible With:**

[U4/U16 Temperature Monitor](#)

## Temperature / Humidity Probe

### Temp / Humidity Probe (RHT)



The RHT probe is a combination probe which measures both temperature and humidity. The unit is small, lightweight, and comes with a Velcro tab for easy placement and is capable of measuring any non-condensing humidity range. The RHT is not recommended for outdoor use without appropriate coverage.

**Operating Range:** -40°F to 140°F    **Probe Tip Dimensions:** 2.5x2x1.25"  
-40°C to 60°C    **Maximum Length:** 300 ft

**Accuracy:** 0.5°F (0.3°C) from -20°F (-28.9°C) to 120°F (48.9°C)  
1.5°F (0.8°C) from -40°F (-40°C) to 140°F (60°C)  
3% RH from 5% to 95%

**Compatible With:**  
[EM1 Environmental Monitor](#)

### Senturion Temp/Humidity Probe (RHTS)



The RHTS is a combination temperature/humidity probe that can be used in any application with our Senturion monitor. The connecting cable is Cat5e with an RJ12 connector quick attachment. The probe is low profile and is ideal for placement into a server rack for localized monitoring.

**Operating Range:** -40°F to 185°F    **Probe Tip Dimensions:** 16mm  
-40°C to 85°C    **Maximum Length:** 100 ft

**Accuracy:** 2% RH between 10% and 90% Relative Humidity  
0.9°F (0.5°C) from 41°F (10°C) to 104°F (40°C)  
2.7°F (1.5°C) from -40°F (-40°C) to 185°F (85°C)

**Compatible With:**  
[Senturion Rack Mount Environmental Monitor](#)

## Wetness Probes

### Senturion Wetness Probe



The Senturion Wetness Probe provides a durable and practical solution to any water detection requirement. The cable is comprised of two individually insulated conductors, surrounded by a tough monofilament braided sheath. The connecting cable is Cat5e with an RJ12 connector quick attachment.

**Operating Range:** 0°F to 110°F    **Cable Diameter:** ~.25"  
-18°C to 43°C    **Maximum Length:** 1,000 ft

**Accuracy:** sensitive to a single droplet of water

**Compatible With:**  
[Senturion Rack Mount Environmental Monitor](#)

## Wetness Probe



The Wetness Probe consists of a nylon like rope which can be placed anywhere and connected to the extension cable back to the monitor. Rayon is used to insulate the conductors and provides for quick entry of fluid, yet allows the cable to be dried easily.

**Operating Range:** 0°F to 110°F      **Cable Diameter:** ~.25"  
-18°C to 43°C      **Maximum Length:** 1,000 ft

**Accuracy:** sensitive to a single droplet of water

**Compatible With:**  
[EM1 Environmental Monitor](#)

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## Power Probe

### Power Presence Probe SP-1



The SP1 probe provides users with a yes/no answer to AC power presence. The output is optically isolated from the AC source to ensure no voltage is transferred to the RJ12 Connector.

**Power Source Req:** 10-120 VAC      **Connection:** RJ12, IEC C14 Chassis  
50 - 60 Hz      Plug

**Optical Isolation:** 2KV



**Caution:** DO NOT DISASSEMBLE PROBE.



**Warning:** SERIOUS INJURY OR DEATH FROM ELECTRIC SHOCK COULD OCCUR FROM USE INCONSISTENT WITH MANUFACTURER'S GUIDELINES.

**Compatible With:**  
[Senturion Rack Mount Environmental Monitor](#)

## Dry Contact Sensor

### Senturion Dry Contact Sensor



The Senturion Dry Contact Sensor can be connected to a device with a dry contact output to detect whether the switch is open/closed. Some devices that may have a dry contact output include: UPS, smoke alarms, pressure switches AC units, electric motors and generators. The Senturion can be set up to detect in a normally closed or normally open state.

**Sensor Cable:** 16'-2 conductor      **Maximum Length:** 1,000 ft

**Compatible With:**  
[Senturion Rack Mount Environmental Monitor](#)

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### Dry Contact Sensor



The Dry Contact Sensor can be connected to a device with a dry contact output to detect whether the switch is open/closed. Some devices that may have a dry contact output include: UPS, smoke alarms, pressure switches AC units, electric motors and generators. The dry contact sensor is designed for use with the EM1 Environmental Monitor.

**Sensor Cable:** 16'-2 conductor      **Maximum Length:** 1,000 ft

**Compatible With:**  
[EM1 Environmental Monitor](#)

## Security Probes

### Senturion Door Sensor

This sensor is small and can be attached to virtually any door to track activity or alert the user when unauthorized entry has occurred. The sensor is easy to install and connects directly to the RJ12 connectors on the Senturion via the Cat5e extension cable.



**Contact Type:** Read Switch,  
Rhodium plated contacts.      **Max Switching Current:** 0.4 Amp  
**Max Carry Current:** 1 Amp

**Accuracy:** Gaps to  $\frac{3}{4}$  of an inch.  
**Maximum Distance:** 1,000'

**Compatible With:**

[Senturion Rack Mount Environmental Monitor](#)

### Door Sensor

This is the same sensor as the Senturion version, though constructed with a standard 2 conductor cable rather than the Cat5e. Comes complete with mounting adhesive for easy installation.



**Contact Type:** Read Switch,  
Rhodium plated contacts.      **Max Switching Current:** 0.4 Amp  
**Max Carry Current:** 1 Amp

**Accuracy:** Gaps to  $\frac{3}{4}$  of an inch.  
**Maximum Distance:** 1,000'

**Compatible With:**

[E4/ E16 Temperature Monitor](#); [EMI Environmental Monitor](#), [U4/U16 Temperature Monitor](#)

### Motion Sensor Honeywell DT-7435C

The motion sensor available from Sensatronics is a passive infrared sensor manufactured by Honeywell. It has been adapted to work with the Senturion to provide users a value representing the percentage of time during a polling cycle that motion was detected.



**Operating Range:** 14°F to 131°F      **Sensor Range:** 35' x 40'  
-10°C to 55°C      **Maximum Length:** 1,000 ft  
5 - 95% RH

**Sensitivity:** High (pulse count 1) 1-2 steps  
Low (pulse count 2) 3-4 steps

**Compatible With:**

[Senturion Rack Mount Environmental Monitor](#)