

Product Description

The ACP-R is a wall mounted Remote Space Temperature sensor that uses a 10K Ohm (Type II) thermistor sensor. This sensor provides a predictable output over a specified temperature range to meet the snap! thermostat required input values. The ACP-R can be used in many different snap! applications. The ACP-R is mounted in an attractive Beige colored plastic enclosure.

Thermistors offer high accuracy and interchangeability over a wide temperature range. The thermistors higher resistance relative to Platinum RTD's creates a larger signal with the same measuring current, negating most lead wire resistance problems and eliminating the need for signal conditioners.



Features & Application Highlights

Features	Benefits
<ul style="list-style-type: none"> Remote Room Temperature Sensor 	<ul style="list-style-type: none"> Increases flexibility and functionality
<ul style="list-style-type: none"> Localized Control 	<ul style="list-style-type: none"> The snap! thermostats can be located in a secure area out of reach from customers or employees
<ul style="list-style-type: none"> Convenient Installation 	<ul style="list-style-type: none"> Reduced wiring into the space. Allows the snap! thermostat to be located closer to the equipment.

Technical Data

<ul style="list-style-type: none"> Sensor Output 	<ul style="list-style-type: none"> 10,000 Ohms @77 °F (25 °C) Type II
<ul style="list-style-type: none"> Operating Temperature Range 	<ul style="list-style-type: none"> -40 to 302 °F (-40 to 150 °C)
<ul style="list-style-type: none"> Interchangeability 	<ul style="list-style-type: none"> +/- 0.2 °C @25 °C (70 ° F)
<ul style="list-style-type: none"> Sensor Accuracy 	<ul style="list-style-type: none"> +/- 0.2 °C @25 °C (70 ° F)
<ul style="list-style-type: none"> Sensor Stability 	<ul style="list-style-type: none"> +/- 0.13 °C
<ul style="list-style-type: none"> Dissipation Constant 	<ul style="list-style-type: none"> 3mW °C nominal
<ul style="list-style-type: none"> Operating Humidity 	<ul style="list-style-type: none"> 0 to 90% RH non-condensing
<ul style="list-style-type: none"> Enclosure Material 	<ul style="list-style-type: none"> ABS Plastic; Beige Color

Ordering Information

MODEL NUMBER	DESCRIPTION
ACP-R	Remote Space Temperature Sensor; Wall Mounted (10K Ohm, Type II)