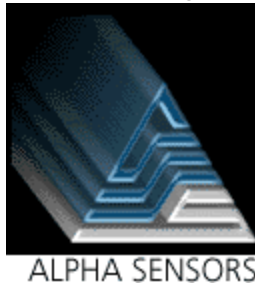


Top quality temperature measurement solutions for medical, HVAC, military, consumer electronics, and appliance applications. Thermistors, RTDs, glass-encapsulated probes and custom designed solutions. Superior design and service support.

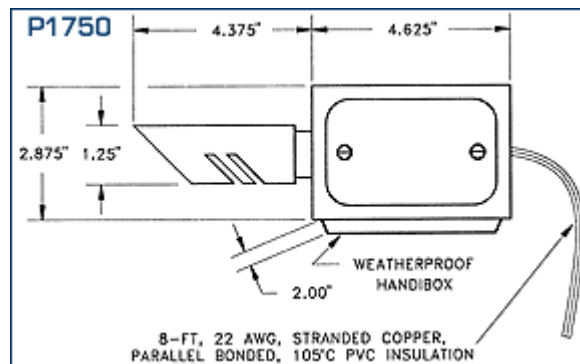
Interchangeable Series
Point-Matched Series
Glass Series
Insulated Lead Series
Medical Series
Mini Series
Micro Series
Customer Configured Probe Series
HVAC Thermistor Series
HVAC RTD Series



P1750 Outdoor Air Sensor

FEATURES

- ┆ Stainless steel closed end tube
- ┆ Sensor is mounted to a weather-proof handibox
- ┆ Sensor is protected by PVC solar shield
- ┆ Proprietary thermistor technology
- ┆ Industry standard values
- ┆ Custom configurations available
 - ┆ Lead length



DESCRIPTION

The Alpha P1750 Outdoor Air Sensor is a thermistor based temperature sensor designed for outside air temperature measurement. The sensor is provided with a rugged enclosure that ensures reliable measurement in severe weather conditions.

SPECIFICATIONS

Operating Range: -20° to 70°C (-4° to 158°F)

Accuracy: ±0.2°C (±0.36°F), 0° to 70°C

Drift: 0.02°C per year from 0° to 50°C (0.036°F per year from 32° to 122°F)

APPLICATION NOTES

0. Mount in shade with the air vent facing down.
1. Solder or crimp all connections. Do not use wire nuts.
2. Follow local electrical codes.

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P1750 Outdoor Air Sensor

PART #	DESCRIPTION	R/T CURVE	LEAD COLOR CODE	MATERIAL TYPE
P1751	2,252 Ohm @ 25°C	A	Green Leads	TYPE II
P1752	3,000 Ohm @ 25°C	A	Blue Leads	TYPE II
P1753	10,000 Ohm @ 25°C	A	Yellow Leads	TYPE II
P1754	100,000 Ohm @ 25°C	A	Gray Leads	TYPE II
P1755	10,000 Ohm @ 25°C	C	Gray Leads	TYPE III
P1756	20,000 Ohm @ 25°C	De	Black Leads	TYPE 42 (Honeywell)

* Consult the factory for custom sensors.

PRODUCT SELECTION

[P1700 - Standard Sensor](#)
[P1710 - Standard Sensor, Moisture Protected](#)
[P1720 - Strap On Sensor](#)
[P1730 - Duct Sensor](#)
[P1740 - Room Sensor, Surface Mount](#)
[P1750 - Outdoor Air Sensor](#)
[P1760 - Averaging Duct Sensor](#)
[P1770 - ImmersionSensor](#)

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	www.esis.com.au Ph 02 9481 7420 Fax 02 9481 7267 esis.enq@esis.com.au
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