



Product Data

Plastic Button Sensor

Product Description

The plastic button sensor series can incorporate any of ACI's thermistor or RTD temperature sensors. These sensors provide precision room temperature sensing for Energy Management Control Systems, compatible with all the leading control systems.

Both thermistors and RTD's offer high accuracy and interchangeability over a wide operating temperature range.

The ABS plastic housing comes standard with a threaded insert for mounting. The Plastic Button can be mounted in places such as thin pieces of wood, drywall, in electrical enclosures or mounting plates, and many other different applications.

Please contact ACI for more information regarding this product.

Product Specifications

Sensor Output	100 Ohms @ 32°F (0°C) 1K Ohms @ 32°F (0°C) 1.8K Ohms @ 77°F (25°C) 2,252 Ohms @ 77°F (25°C) 3K Ohms @ 77°F (25°C) 5K Ohms @ 77°F (25°C) 10K Ohms @ 77°F (25°C) Type III 10K Ohms @ 77°F (25°C) Type II 20K Ohms @ 77°F (25°C) 100K Ohms @ 77°F (25°C)
Accuracy (0 to 70°C)	Thermistor: +/-0.2°C (+/-0.36°F) RTD's: +/- 0.6% @32°F (Class A)
Operating Temperature Range	-40 to 302°F (-40 to 150°C)
Power Dissipation Constant	3 mW / °C
RTD Temp. Coefficient	0.00385 Ohm/Ohm mW / °C

Thermistor



Attributes

- Low Profile
- Easy Installation

Applications:

- Museums
- High End Residential
- Show Rooms

DISPLAYS

TEMPERATURE

RELATIVE HUMIDITY

PRESSURE

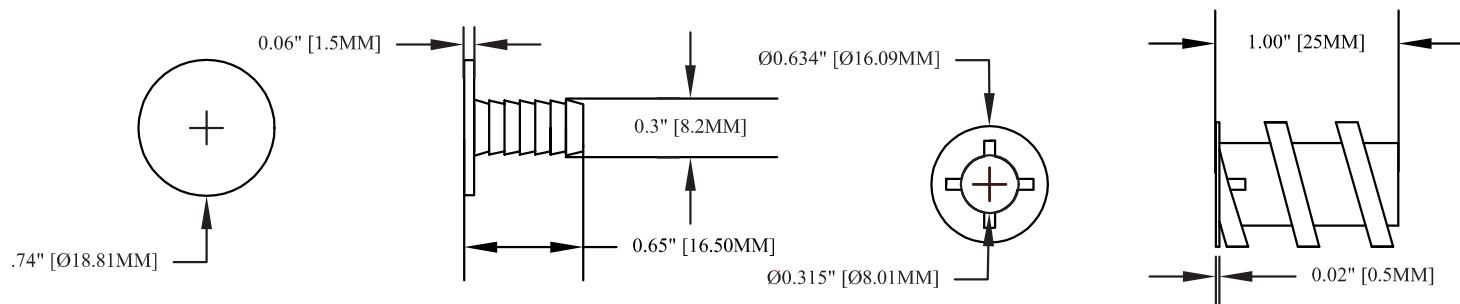
CURRENT

AIR QUALITY

ACCESSORIES

Automation Components, Inc.

2305 Pleasant View Rd.
 Middleton, WI 53562
 PH: (608) 831-2585
 FAX: (608) 831-7407



Ordering Information

Sensor	Configuration
A/ []	- []
↑	↑
100 Ohm	PBS - Plastic Button Sensor
1K	
1.8K	
2252	
3K	
ASI (3K)	
5K	
AN (10K-AN Type III)	
CP (10K-CP Type II)	
CSI (10K-CSI)	
20K	
100K	

2305 Pleasant View Rd. Middleton Industrial Park Middleton, WI 53562

PH: (608) 831-2585 FAX: (608) 831-7407