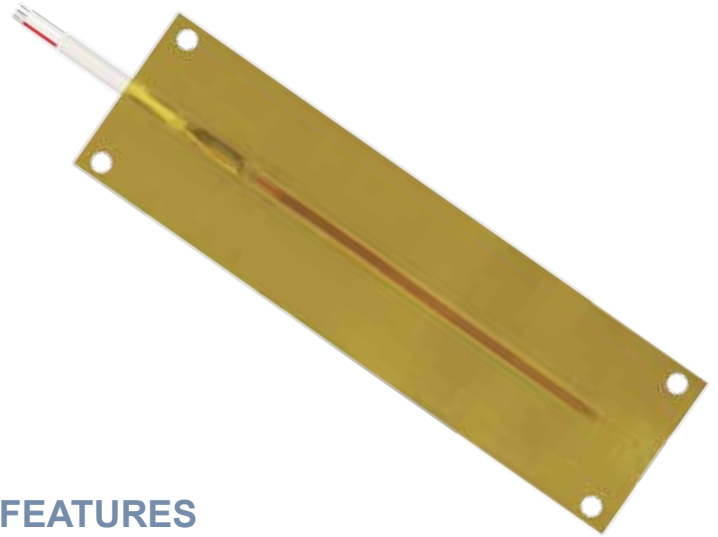


# Paddle Stator RTD Sensor

Variety of Configurations  
Single and Dual Elements

Custom Designs Available with:

- High Accuracy
- Special Cable or Leadwires



The **Paddle Stator RTD Sensor**, also called Air or Gas RTDs. Paddle Stator RTD Sensors measure incoming or outgoing air temperatures in motors and generators. Paddle Stator RTDs are built with holes for mounting, the air sensors provide consistent thermal monitoring without false alarms. Measurement Specialties' Paddle Stator RTD Sensors are built to meet the specifications of ANSI C50.10-1990, general requirements for synchronous motors.

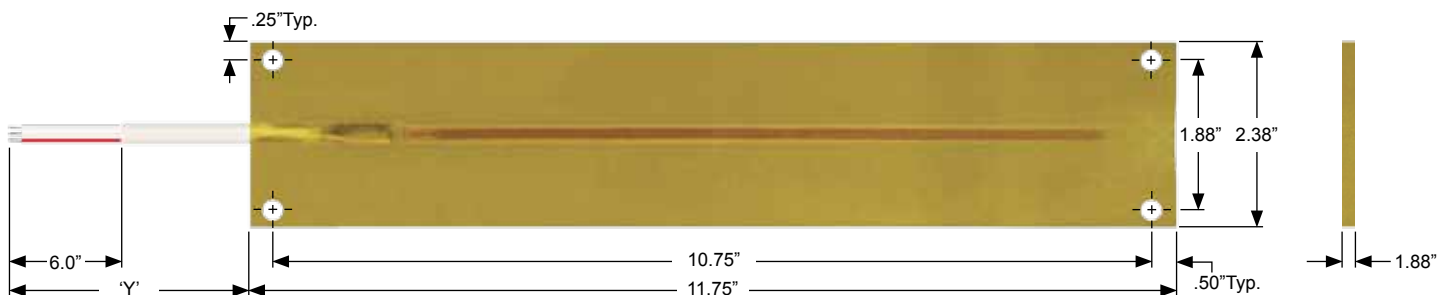
## FEATURES

- Rear Exit, Epoxy Glass Laminated
- Elements, Single and Dual:
  - » Platinum, Copper, Nickel
- Leadwire/Cable Options

## APPLICATIONS

- Electric Motors
- Generators

## dimensions



'Y' = Leadwire/Cable Length

# Paddle Stator RTD Sensor

## performance specifications

### Dielectric Strength:

Class F: 3,000 volts RMS @ 60 Hz for 1 minute,  
between leads and external body surface

Class H: 2,000 volts RMS @ 60 Hz for 1 minute,  
between leads and external body surface

### Temperature Limits:

Class F: 155°C (311°F)

### RTD Leadwires:

Three Wire or Four Wire

Standard: Stranded Copper plated wire with PTFE insulation

## ordering info

Paddle Stator RTD Sensors				
Model	Classification	Temperature Limit	Material	Dielectric Strength
302F	Class F	155°C	Epoxy Glass	3,000 Volts
Model	Element	Accuracy	Temperature Coefficient	
P2B	Platinum	100 Ohm $\pm$ .12% at 0°C	.00385	
P2C	Platinum	100 Ohm $\pm$ .5% at 0°C	.00385	
P2D	Platinum	100 Ohm $\pm$ .2% at 0°C	.00385	
G2C	Platinum	100 Ohm $\pm$ .5% at 0°C	.00392	
C1D	Copper	10 Ohm $\pm$ .2% at 25°C	.00427	
N3C	Nickel	120 Ohm $\pm$ .5% at 0°C	.00672	
Model	Leadwires, Element Configuration		Color Code	
3S	Three Wire, Single		Red/White/White	
4S	Four Wire, Single		Red/Red/White/White	
3D	Three Wire, Dual		Red/White/White // Blue/Yellow/Yellow	
Model	'Y' Leadwire/Cable Options			
----	Define 'Y' Length in Inches (120 = 120.0")			
Model	Leadwire/Cable Options			
A	Leadwire Only			
B	Leadwire with Cable			
Model	Leadwire Termination			
1	Stripped and Tinned			
2	1.0" Staggered with Butt Splice			

## 联系方式



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