Extrusion RTD Probe-Bayonet



Miniature Design
Spring Action Bayonet Fitting
Single Element
Optional Stainless Steel Braid



The Extrusion RTD Probe—Bayonet is a miniature, tip sensitive sensor that is used in a wide variety of industries. The sensor is an economical way to spring load a sensor. The spring length and tension can be adjusted as required. The sensors come standard with a spring loaded bayonet fitting. The bayonet fitting keeps the sensitive portion of the sensor engaged with the process while also providing easy removal of the sensor if necessary.

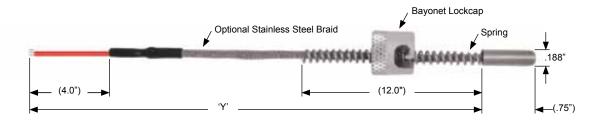
FEATURES

- Stainless Steel Sheath
- Elements, Single:
 - » Platinum
- Leadwire/Cable Options

APPLICATIONS

- Process
- Hot Melt

dimensions



'Y' = Leadwire/Cable Length

Extrusion RTD Probe-Bayonet

performance specifications

Repeatability:

Less than ± .06% change in ice point resistance after 10 consecutive cycles between ice point and 250°C

Long Term Stability:

Less than ± .2% ice point resistance shift after 1,000 hours at 250°C

Self Heating:

10 mW/C in water moving 3 feet/sec

Pressure Rating:

1,500 psi

Insulation Resistance:

1,000 megohms @ 500 V, leads to case

Vibration:

Withstands 5 to 500 Hz at 3 g-level peak for 3 hours. Per ASTM E 644, Sec. 10.

Shock:

Withstands 50 g-level peak sine was shock of 11 milliseconds duration. Per ASTM E 644, Sec. 11

RTD Temperature Accuracy Specifications:

Element Material	TCR	Standard Tolerances at 0°C				
		±.06%	±.12%	±.2%	±.5%	
Platinum	0.00385	0.15°C, 0.06O	0.30°C, 0.120	0.50°C, 0.190	1.20°C, 0.460	

ordering info

Extrusion RTD Probe-Bayonet								
Model	Temperature Range							
625M	Moderate: -50 to 250°C (-58 to 482°F)							
Model	Element	Accuracy	Temperature Coefficient					
P2A	Platinum	100 Ohm ±.06% at 0°C	.00385					
P2B	Platinum	100 Ohm ±.12% at 0°C	.00385					
P2C	Platinum	100 Ohm ±.5% at 0°C	.00385					
Model	Leadwires, Element	t Configuration	Color Code					
3S	Three Wire, Single		Red/Red/White					
Model	'Y' Cable Length							
	Define 'Y' Length in Inches (12 = 12.0")							
Model	'Y' Leadwire/Cable Options							
N	No Options, Stranded TFE Leadwires (36.0" Standard)							
Α	1/8" NPT Mounting Adaptor Option							
W	Leadwire Options							

联系方式



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