BILL-WELL

Variety of Configurations Single and Dual Junctions Stainless Steel Case

Custom Designs Available with:

- Degree Specific Case Bends
- Miniature Size
- Cut-to-length Cases
- Connector Options

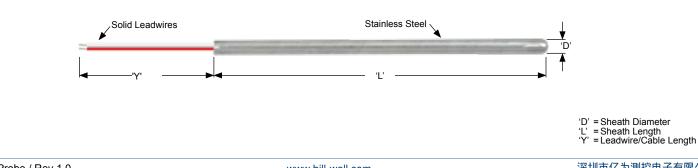
The Thermocouple Probe is constructed with a Stainless Steel case. The sensing junction is embedded into the tip of the sheath. With the junction located in the tip of the case this is the area that needs to be in contact with the process to obtain correct temperature measurement. Fittings associated with the probe designs are related to the mounting technique required by your application. These sensors can be utilized in many different industries and applications. Probe sensors are ideal for immersion in processes.

FEATURES

- Sheath Styles: »Stainless Steel
- Junction Types, Single and Dual: »J, K, T, E
 - »Grounded or Ungrounded
- Sheath Diameters: »0.125", 0.188", 0.250"
- Leadwire/Cable Options

APPLICATIONS

- Process
- Aerospace
- Defense
- Hot Melt



dimensions

Thermocouple Probe

performance specifications

Insulation Resistance – Ungrounded Models:

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

Pressure Rating:

1,500 psi

Thermocouple Temperature Accuracy Specifications:

Туре	Temp Range	Standard Limits of Error Special Limits of Error	
т	-200 to 0°C	±1°C or 1.5%	Not ASTM Defined
I	0 to 350°C	±1°C or 0.75%	±0.5°C or 0.4%
J	0 to 750°C	±2.2°C or 0.75%	±1.1°C or 0.4%
Е	-200 to 0°C	±1.7°C or 1%	Not ASTM Defined
E	0 to 900°C	±1.7°C or 0.5%	±1°C or 0.4%
к	-200 to 0°C	±2.2°C or 2%	Not ASTM Defined
r.	0 to 1,250°C	±2.2°C or 0.75%	±1.1°C or 0.4%

ordering info

Thermocouple Probe					
Model	Temperature Range				
200M	Moderate: -50 to 250°C (-58 to 482°F)				
200H	High: Mineral Insulated				
Model	Thermocouple Type	Junction	Color Code		
J	J	Single	Red/White [Constantan/Iron]		
ĸ	K	Single	Red/Yellow [Alumel/Chromel]		
T	Ţ	Single	Red/Blue [Constantan/Copper]		
E	E	Single	Red/Purple [Constantan/Chromel]		
JJ KK	JJ KK	Dual Dual	Red/White // Red/White Red/Yellow // Red/Yellow		
TT	TT	Dual	Red/Blue // Red/Blue		
EE	FF	Dual	Red/Purple // Red/Purple		
Model	Junction Style	Duai			
G	Grounded Junction				
Ŭ	Unarounded Junction				
Model	Limits of Error				
A	Standard Limits of Error				
В	Special Limits of Error				
Model	'D' Sheath Diameter				
A	.125" Diameter (Single Junction Only)				
В	.188" Diameter				
С	.250" Diameter				
Model	Sheath Material				
B E	Stainless Steel				
⊏ Model	Inconel (H Only) 'L' Sheath Length				
mouel	Define 'L' Length in Inches (12 = 12.0") Note: Minimum 1.5" / Maximum 36.0"				
Model	'Y' Leadwire/Cable Options				
N	No Options, Solid TFE Leadwires (36.0" Standard)				
Ŵ	Leadwire Options				

联系方式



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