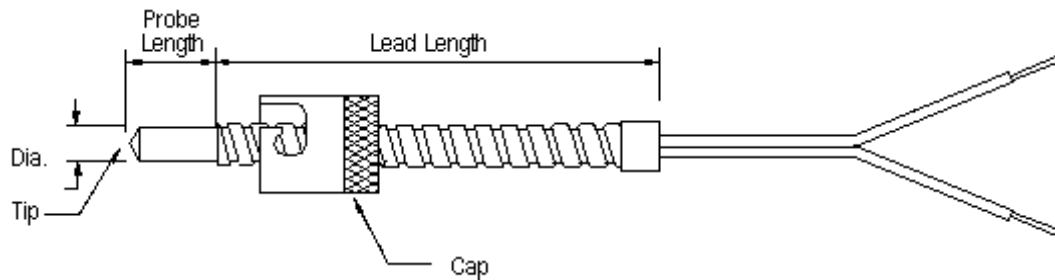




Adjustable Bayonet Thermocouple

Easily obtaining a desired probe depth, the adjustable bayonet sensor uses a tension spring or armor hose to create a spring loaded effect. The bayonet cap rotates up and down a 10" spring or the full length of the armor hose. This allows for positive contact between the probe tip and surface for accurate temperature readings. Our adjustable bayonet style thermocouples are also available in metric sizes.



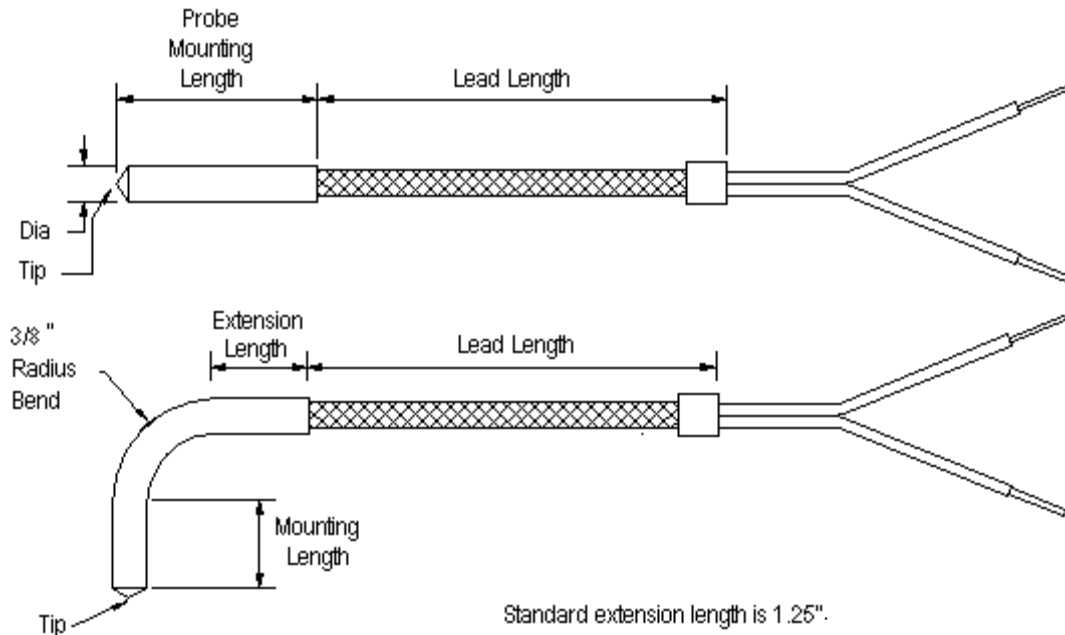
3/16" dia x 1/2" probe length is standard.

<p>Style "AB"</p> <p>Calibration T TD-Duplex J JD-Duplex E ED-Duplex K KD-Duplex RTD2 RTD3 RTD4</p> <p>Probe diameter 1=.125 2=.156 3=.188 4=.236 5=.250 6=.312 7=.315</p> <p>Probe length in inches</p> <p>Probe length in fraction A=.062 B=.125 C=.188 D=.250 E=.312 F=.375 G=.437 H=.500 J=.562 K=.625 L=.687 M=.750 N=.812 P=.875 R=.937 Z=0</p> <p>Tip & junction GD GR GF UD UR UF EJ=Exposed junction OF=Open end flush tip</p> <p>Lead length in inches</p>	<p>Lead wire insulation F=Fiberglass T=Teflon K=Kapton</p> <p>Lead protection FS=Fiberglass sleeving SS=Silicone sleeving B=Braid A=Armor BA=Braid/Armor</p>	<p>Sleeve options FS= Fiberglass sleeve under armor SS=Silicone sleeve under armor TS=Teflon shrink over armor P=PVC shrink over armor</p> <p>Cap size A=Standard cap B=Small Euro cap C=Large Euro cap D=Small Euro cap for standard spring E= Small Euro cap for standard armor</p> <p>Termination 0=Split & stripped 1=Spade lugs 2=Spade lugs/BX connector 3=Standard plug 4=Standard jack 5=Mini plug 6=Mini jack 7=Ferrule- (state size) 8= Female push on- (state size) *For high temp plug or jack add "H" *For ultra high temp plug or jack add "UH"</p>
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Fixed Probe Thermocouple

Fixed probe sensors can be used in drilled holes where mounting is not an issue. This type of construction can be submerged in liquids. Moisture proofing the lead exit is a popular option for immersion applications.



Style "FP"

Calibration

- T TD-Duplex
- J JD-Duplex
- E ED-Duplex
- K KD-Duplex
- RTD2 RTD3
- RTD4

Probe shape

- 0= Straight
- 4= 45 Degree bend
- 9= 90 Degree bend

Probe diameter

- 0=.118 1=.125
- 2=.156 3=.188
- 4=.236 5=.250
- 6=.312 7=.315
- 8=.375

Probe mounting length in inches

Probe mounting length in fraction

- A=.062 B=.125 C=.188
- D=.250 E=.312 F=.375
- G=.437 H=.500 J=.562
- K=.625 L=.687 M=.750
- N=.812 P=.875 R=.937
- Z=0

Extension length (if required)

Tip & junction

- GD GR GF
- UD UR UF
- EJ=Exposed junction
- OF=Open end flush tip

Lead length in inches

Lead wire insulation

- F=Fiberglass
- T=Teflon
- K=Kapton

Moisture Proof Probe

- E= Epoxy
 - R= RTV
- #### Sleeve options
- FS= Fiberglass sleeve under armor
 - SS=Silicone sleeve under armor
 - TS=Teflon shrink over armor
 - P=PVC shrink over armor

Termination

- 0=Split & stripped
- 1=Spade lugs
- 2=Spade lugs/BX connector
- 3=Standard plug
- 4=Standard jack
- 5=Mini plug
- 6=Mini jack
- 7=Ferrule- (state size)
- 8= Female push on- (state size)
- *For high temp plug or jack add "H"
- *For ultra high temp plug or jack add "UH"

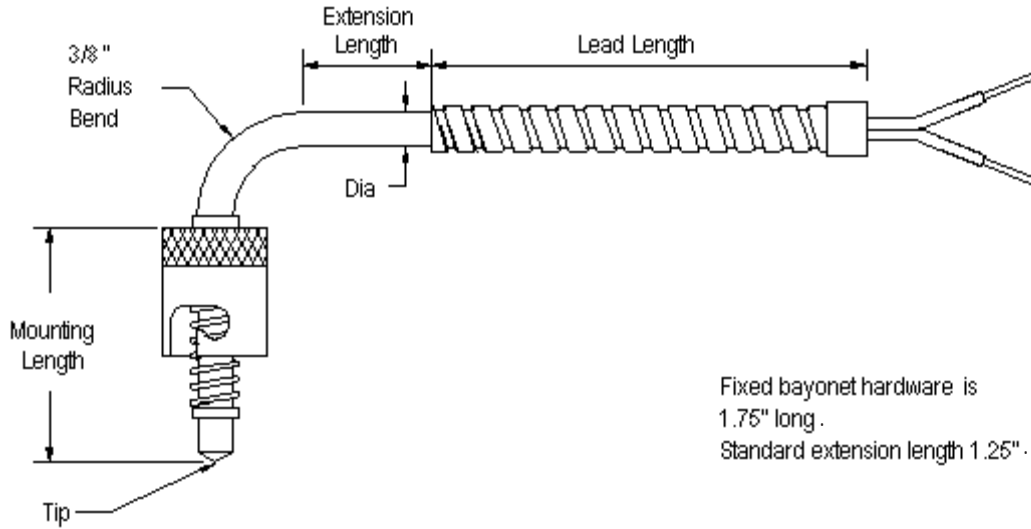
Lead protection

- FS=Fiberglass sleeving
- SS=Silicone Sleeving
- B=Braid
- A=Armor
- BA=Braid/Armor



Fixed Bayonet Thermocouple

Fixed bayonet style thermocouples provide constant spring pressure in the well. This style of thermocouple can be provided with a connector attached to the back of the probe, eliminating the need for lead wires. A critical dimension for this style of thermocouple is the mounting length, which is from the tip to the back of the cap. The standard extension length is one and one quarter inches, other lengths are available. Minimum extension length is one half inch.



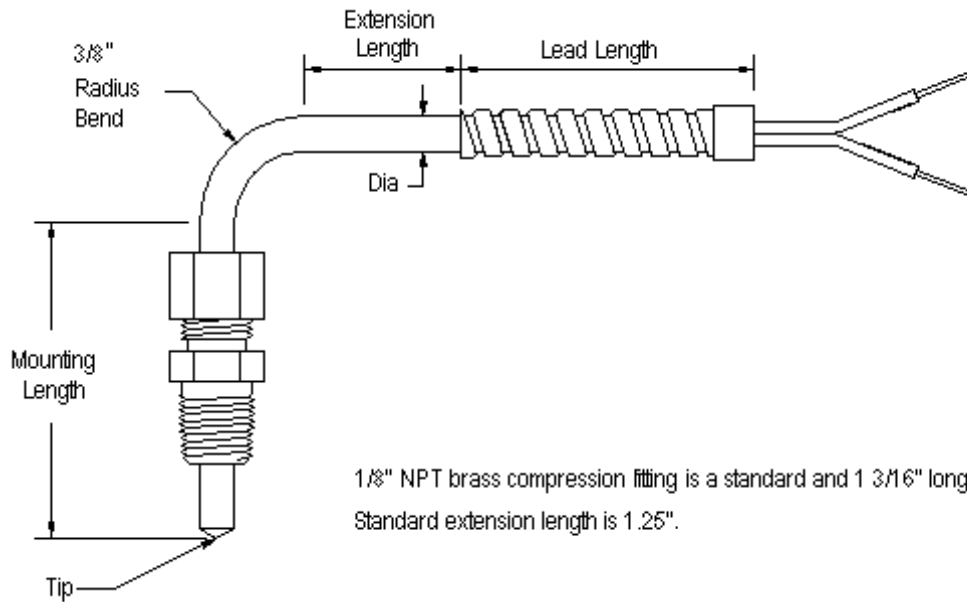
Fixed bayonet hardware is 1.75" long.
Standard extension length 1.25".

<p>Style "FB"</p> <p>Calibration T TD-Duplex J JD-Duplex E ED-Duplex K KD-Duplex RTD2 RTD3 RTD4</p> <p>Probe shape 0=straight 4=45° bend 9=90° bend</p> <p>Probe diameter 1=.125 3=.188 5=.250</p> <p>Probe mounting length in inches</p> <p>Probe mounting length in fraction A=.062 B=.125 C=.188 D=.250 E=.312 F=.375 G=.437 H=.500 J=.562 K=.625 L=.687 M=.750 N=.812 P=.875 R=.937 Z=0</p>	<p>Tip & junction GD GR GF UD UR UF EJ=Exposed junction OF=Open end flush tip</p>	<p>Extension length (if required)</p>	<p>Lead length in inches</p>	<p>Lead wire insulation F=Fiberglass T=Teflon K=Kapton</p>	<p>Sleeve options FS= Fiberglass sleeve under armor SS=Silicone sleeve under armor TS=Teflon shrink over armor P=PVC shrink over armor</p> <p>Termination 0=Split & stripped 1=Spade lugs 2=Spade lugs/BX connector 3=Standard plug 4=Standard jack 5=Mini plug 6=Mini jack 7=Ferrule- (state size) 8= Female push on- (state size) *For high temp plug or jack add "H" *For ultra high temp plug or jack add "UH"</p> <p>Lead protection FS=Fiberglass sleeving SS=Silicone Sleeving B=Braid A=Armor BA=Braid/Armor</p>
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Fixed Compression Thermocouple

Another method of installing a thermocouple probe is by using it in conjunction with a compression fitting. After drilling and tapping the process hole, the compression fitting is threaded into the process and then tightened onto the probe, securing the probe in place. A brass 1/8" NPT is standard while others are available.

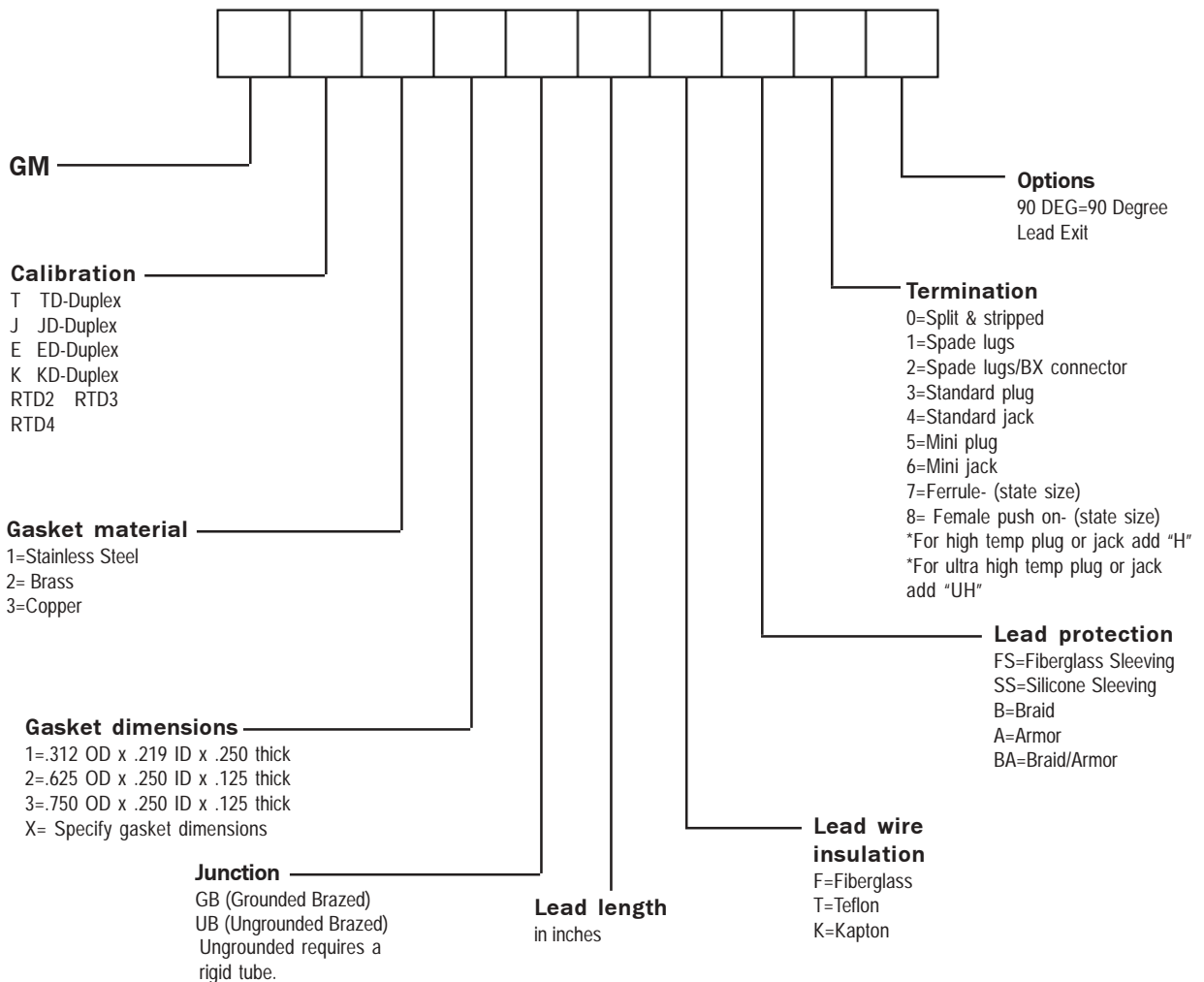
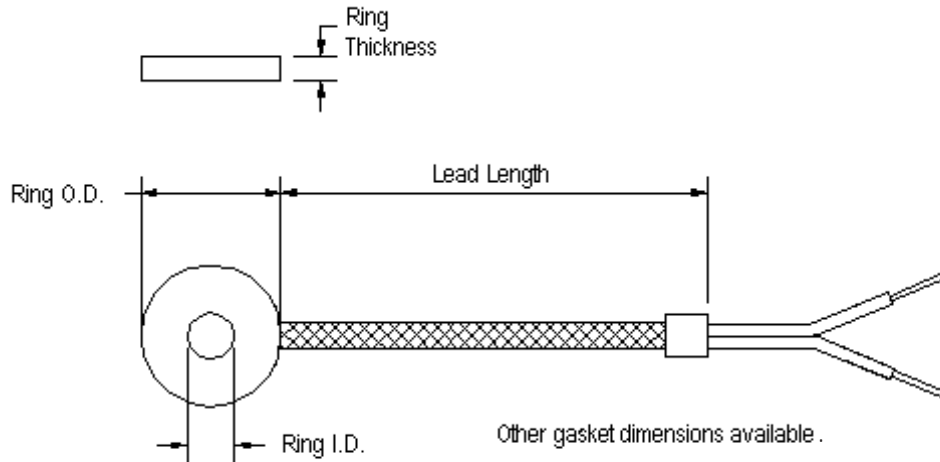


Style "FC"											
Calibration											
T	TD-Duplex										
J	JD-Duplex										
E	ED-Duplex										
K	KD-Duplex										
RTD2	RTD3										
RTD4											
Probe shape											
0	straight										
4	45° bend										
9	90° bend										
Probe diameter											
1	.125										
3	.188										
5	.250										
Probe mounting length in inches											
Probe mounting length in fraction											
A	.062	B	.125	C	.188						
D	.250	E	.312	F	.375						
G	.437	H	.500	J	.562						
K	.625	L	.687	M	.750						
N	.812	P	.875	R	.937						
Z	0										
Tip & junction											
GD	GR	GF									
UD	UR	UF									
EJ	Exposed junction										
OF	Open end flush tip										
Lead length in inches											
Lead wire insulation											
F	Fiberglass										
T	Teflon										
K	Kapton										
Lead protection											
FS	Fiberglass sleeving										
SS	Silicone sleeving										
B	Braid										
A	Armor										
BA	Braid/Armor										
Sleeve options											
FS	Fiberglass sleeve under armor										
SS	Silicone sleeve under armor										
TS	Teflon shrink over armor										
P	PVC shrink over armor										
Compression type											
A	1/8" brass										
B	1/8" S.S.										
C	1/8" S.S./Teflon ferrule										
D	1/4" brass										
E	1/4" S.S.										
F	1/4" S.S./Teflon ferrule										
G	1/2" brass										
H	1/2" S.S.										
J	1/2" S.S./Teflon ferrule										
Termination											
0	Split & stripped										
1	Spade lugs										
2	Spade lugs/BX connector										
3	Standard plug										
4	Standard jack										
5	Mini plug										
6	Mini jack										
7	Ferrule- (state size)										
8	Female push on- (state size)										
*For high temp plug or jack add "H"											
*For ultra high temp plug or jack add "UH"											



Gasket Mount Thermocouple

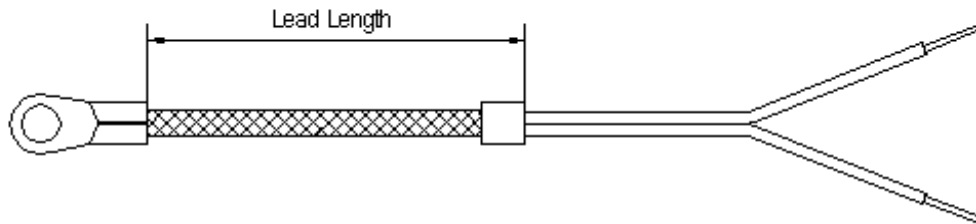
The gasket mount thermocouple is used to measure surface temperature. A hole is drilled and tapped for a desired screw size. The screw is inserted through the gasket and tightened down, securing the gasket to the surface.





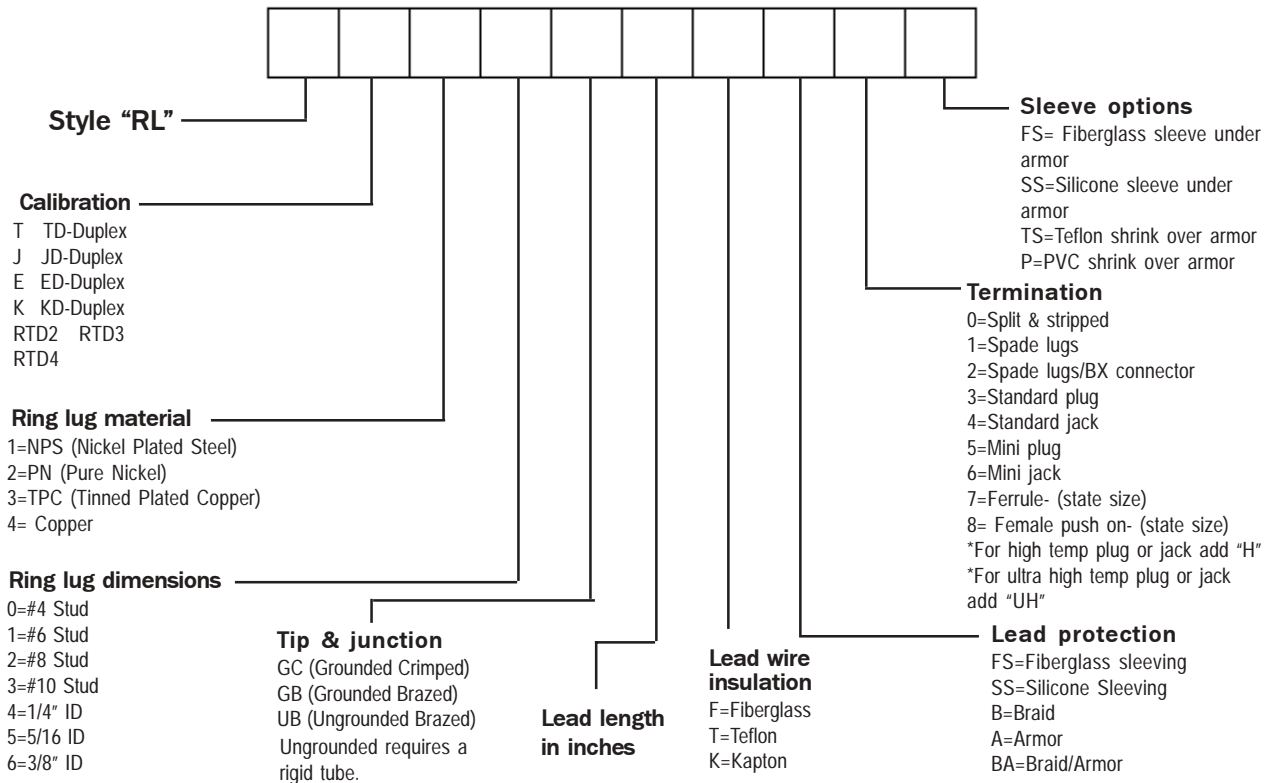
Ring Lug Thermocouple

A ring lug thermocouple is used to measure surface temperature. A hole is drilled and tapped for a desired screw size. The screw is inserted through the lug and tightened down, securing the lug to the surface. A #10 stud is standard. Twenty gage wire is standard with most lug sizes.



Lugs are crimped on leads unless brazing is specified.

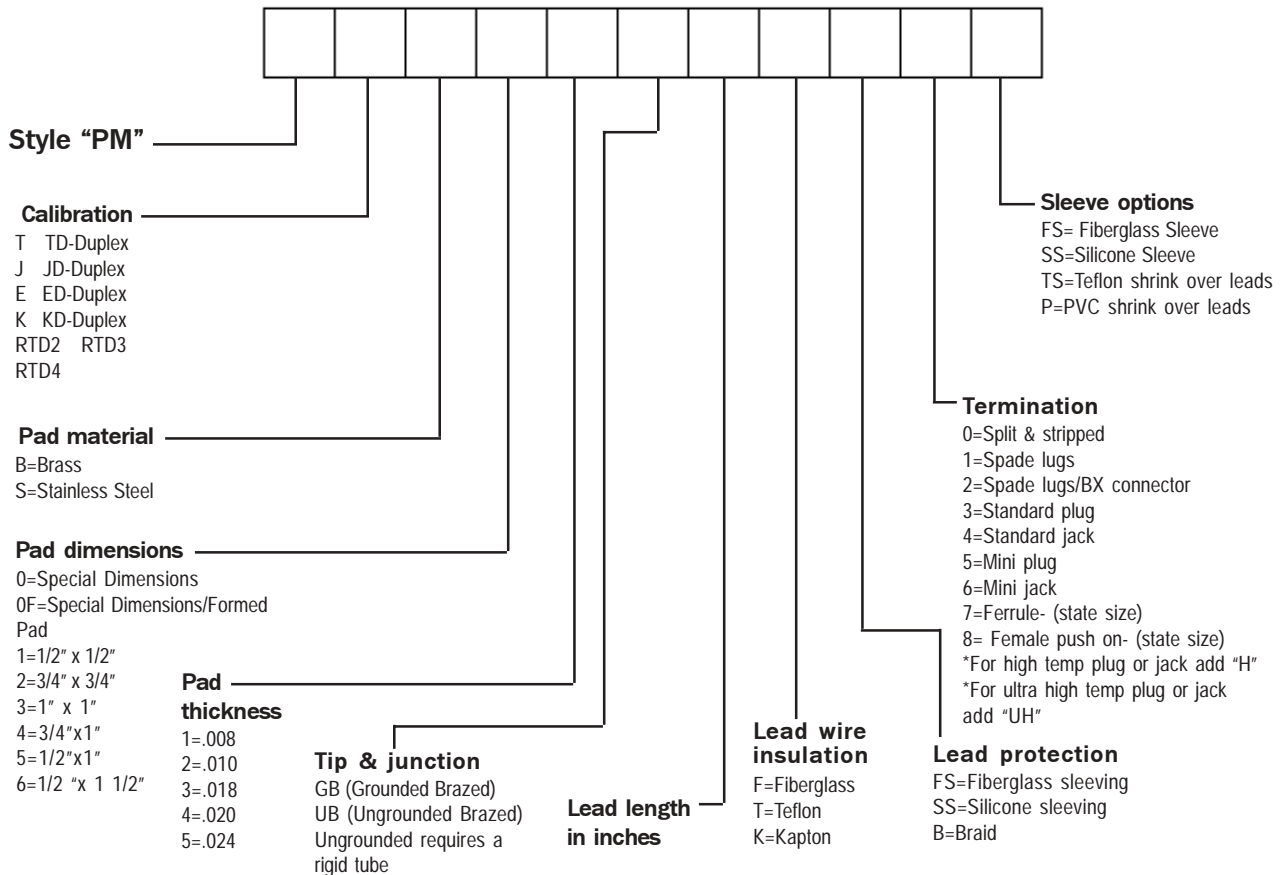
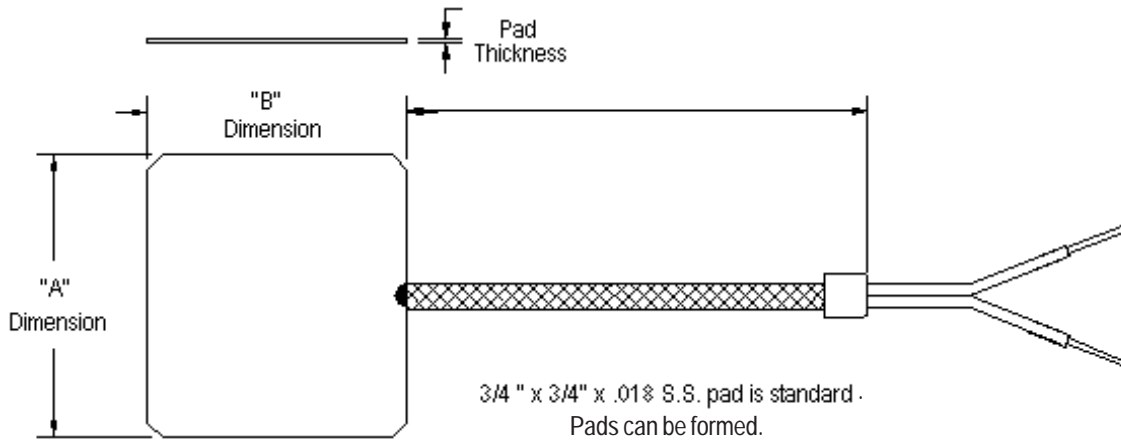
#10 stud is standard





Pad Mount Thermocouple

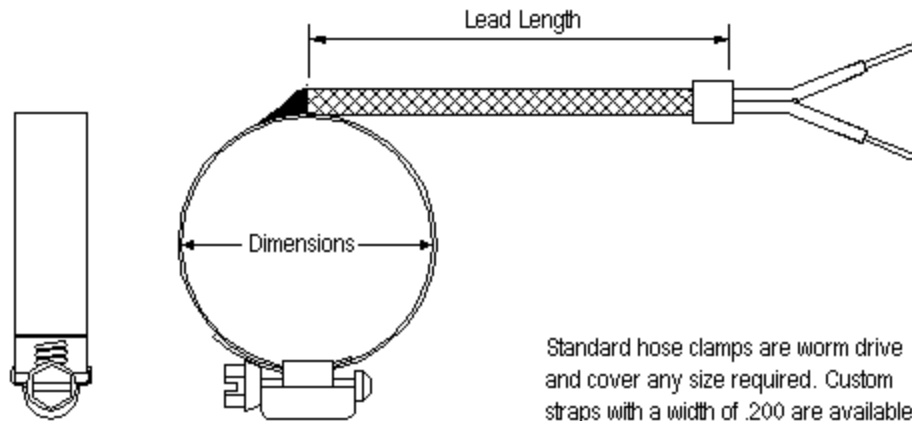
The pad mount sensor is another method of measuring surface temperature. The low profile allows this pad to be placed between components for sensing temperature. The pads can be made using rigid or flexible material. Be sure to specify special pad dimensions when required.





Hose Clamp Thermocouple

A hose clamp thermocouple is used to measure the temperature of a pipe or nozzle. There are various methods of attaching leads to a hose clamp. The most common practice is to silver solder leads directly to the hose clamp. Custom bands are available - consult the factory.



Style "HC"

Calibration

- T TD-Duplex
- J JD-Duplex
- E ED-Duplex
- K KD-Duplex
- RTD2 RTD3
- RTD4

Hose clamp dimensions

- 1= 5/8" to 1 1/4"
- 2= 13/16" to 1 1/2"
- 3= 1 5/16" to 2 1/4"
- 4= 1 1/2" to 2 1/2"
- 5= 2" to 3"
- 6= 2 3/4" to 3 3/4"
- 7= 3" to 4"
- 8= 2 1/2" to 5 1/2"
- 9= 5 3/4" to 7 3/4"
- 10= 7" to 8 1/2"

Tip & junction

- GB (Grounded Brazed)
- UB (Ungrounded Brazed)
- Ungrounded requires a rigid tube.

Lead length
in inches

Lead wire insulation

- F=Fiberglass
- T=Teflon
- K=Kapton

Sleeve options

- FS= Fiberglass sleeve
- SS=Silicone sleeve
- TS=Teflon shrink
- P=PVC shrink

Termination

- 0=Split & stripped
- 1=Spade lugs
- 2=Spade lugs/BX connector
- 3=Standard plug
- 4=Standard jack
- 5=Mini plug
- 6=Mini jack
- 7=Ferrule- (state size)
- 8= Female push on- (state size)
- *For high temp plug or jack add "H"
- *For ultra high temp plug or jack add "UH"

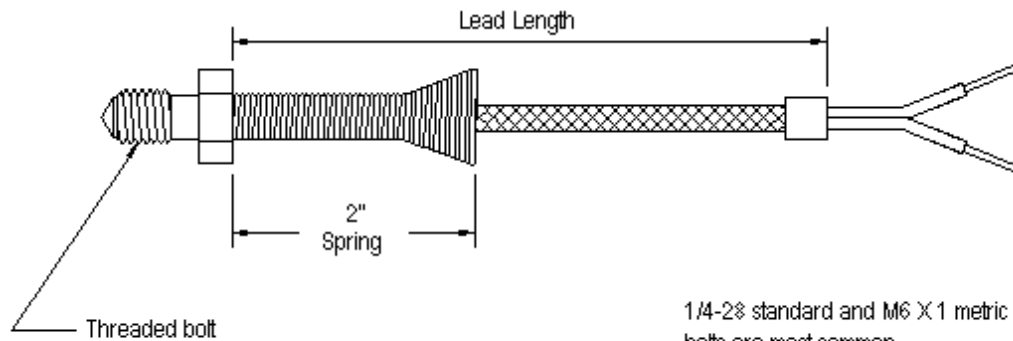
Lead protection

- FS=Fiberglass sleeving
- SS=Silicone sleeving
- B=Braid
- A=Armor
- BA=Braid/Armor

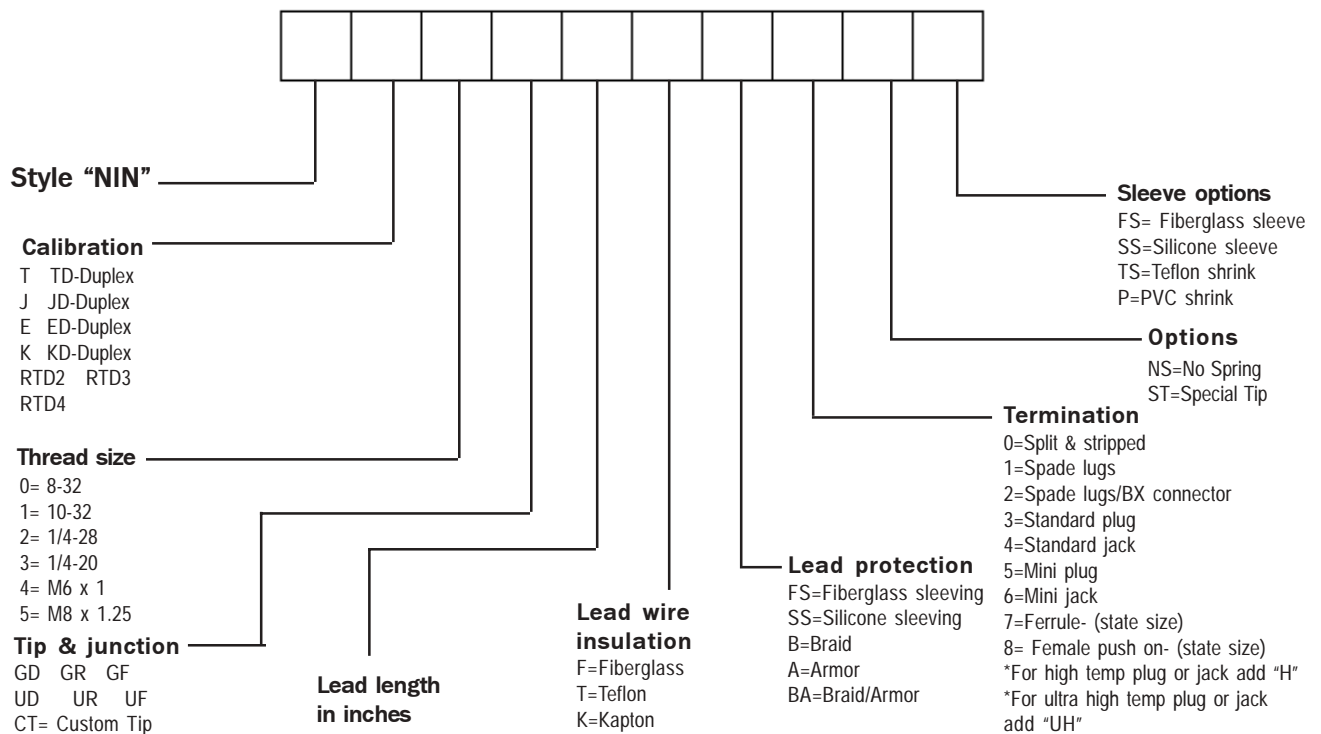


Non-Immersion Nozzle Thermocouple

The non-immersion nozzle style is typically used to measure the temperature of the nozzle. The rotating bolt, when tightened, seats the tip against the process. The tip is not in the plastic flow. This type of construction can be used in numerous applications. A 1/4-28 bolt is the most common size used. Other sizes are available. Custom construction for unusual applications are also available.



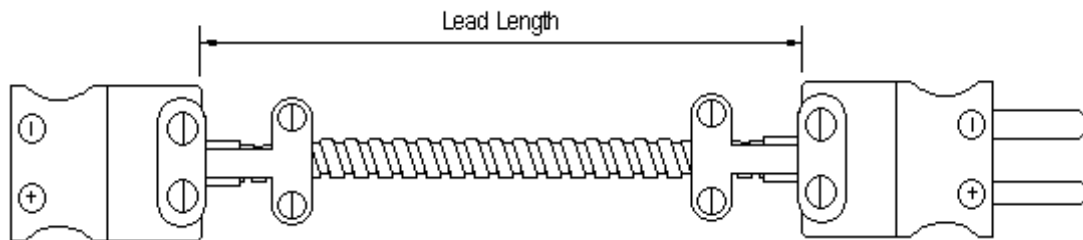
1/4-28 standard and M6 X 1 metric bolts are most common.
For custom construction-consult the factory.



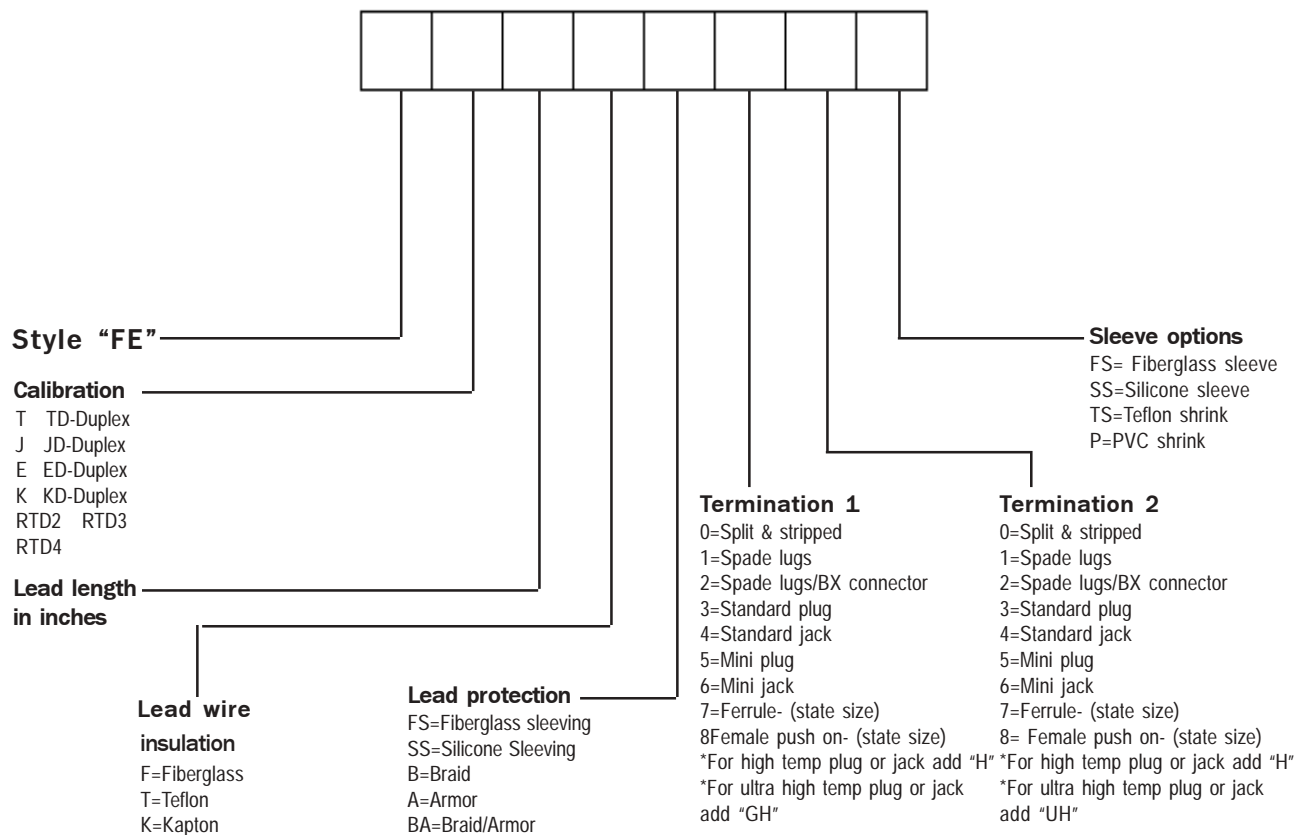


Flexible Extension Thermocouple

The flexible extension allows for connecting and disconnecting in accessible areas. These are suitable when long leads are required. All types of mating connectors can be attached.



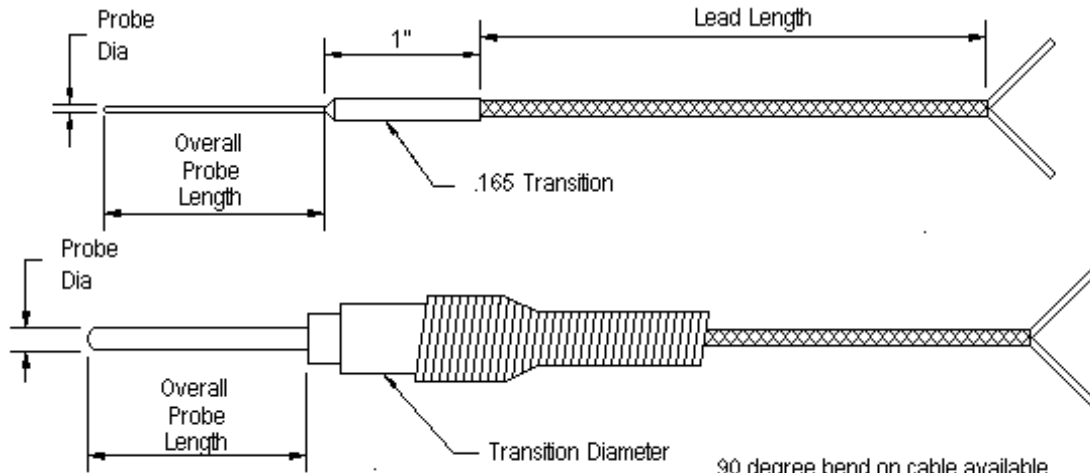
Suitable when long leads are required.





Mineral Insulated Thermocouple With Transition

Due to their insulation properties, mineral insulated thermocouples are durable, fast-responding sensors. Other attractive features include the ability to tolerate higher temperatures, thermal shock resistance, flexibility and moisture-proofing.



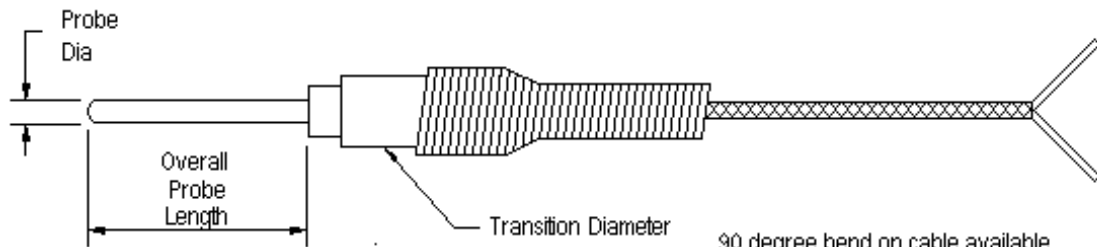
90 degree bend on cable available.
Specify if mounting hardware is required.

<p>Style "MI"</p> <p>Calibration</p> <p>T TS-Special limits TD-Duplex J JS-Special limits JD-Duplex E ES-Special limits ED-Duplex K KS-Special limits KD-Duplex Special limits +/- 2 deg F Standard limits +/- 4deg F</p> <p>Probe diameter & sheath material</p> <p>.020 .078 .250 A= 304 SS .032 .098 .312 B= 316 SS .039 .118 .375 C= I 600 .040 .125 D= Hastalloy .059 .156 E= 310 SS .062 .188 F= 446 SS</p> <p>Probe mount length in inches</p> <p>Probe mount length in fraction</p> <p>A=.062 B=.125 C=.188 D=.250 E=.312 F=.375 G=.437 H=.500 J=.562 K=.625 L=.687 M=.750 Z=0</p> <p>Tip & Junction</p> <p>GD GR GF UD UR UF EJ=Exposed junction OF=Open end flush tip</p>	<p>Lead length in inches</p>	<p>Lead wire insulation</p> <p>F=Fiberglass T=Teflon K=Kapton</p>	<p>Lead protection</p> <p>FS=Fiberglass sleeving SS=Silicone sleeving B=Braid A=Armor BA=Braid/Armor</p>	<p>Transition fill</p> <p>C=Cement E=Epoxy R=RTV</p> <p>Optional spring</p> <p>S=Spring relief Standard spring SP=Special spring</p> <p>Transition diameter</p> <p>A=.148 B=.165 C=.188 Spring Available D=.250 Spring Available E=.312 Spring Available F=.375 Spring Available G=.500</p> <p>Termination</p> <p>0=Split & stripped 1=Spade lugs 2=Spade lugs/BX connector 3=Standard plug 4=Standard jack 5=Mini plug 6=Mini jack For additional terminations, refer to options page of the catalog</p>
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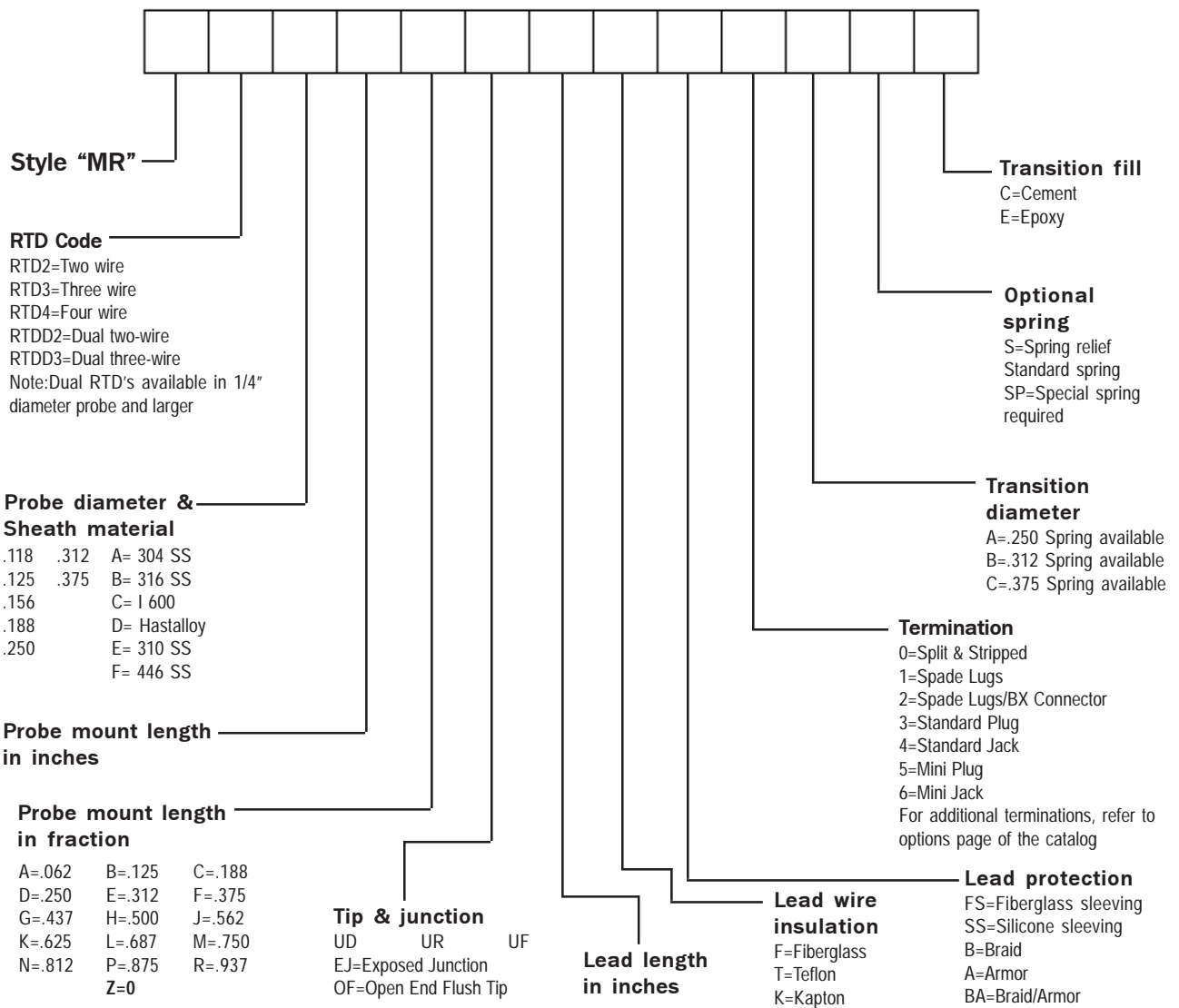


Mineral Insulated RTD With Transition

Due to their insulation properties, mineral insulated RTD assemblies are durable, fast-responding sensors. Other attractive features include the ability to tolerate higher temperatures, thermal shock resistance, flexibility and moisture-proofing.



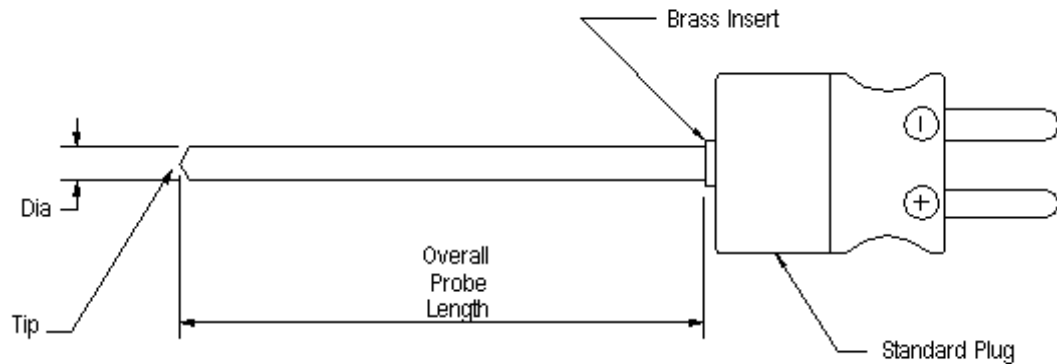
Specify if mounting hardware is required.





MI Cable With Connector

Mineral insulated cable is terminated to a connector without the use of lead wires. These are durable, fast responding sensors. Other features include the ability to tolerate high temperatures, thermal shock resistance, flexibility and moisture proofing. The probe is easily installed and can be formed without breaking.



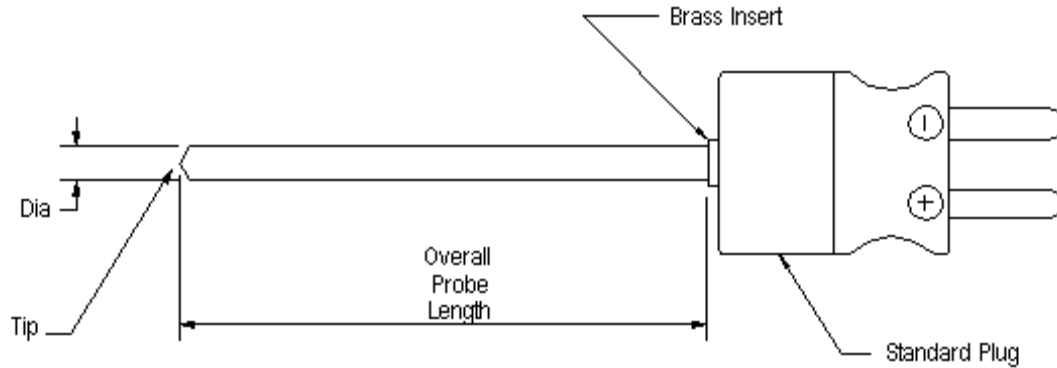
90 degree bend on cable is available.
Specify if mounting hardware is required.

<p>Style "MT"</p> <p>Calibration T TS-Special limits TD-Duplex J JS-Special limits JD-Duplex E ES-Special limits ED-Duplex K KS-Special limits KD-Duplex</p> <p>Standard limits +/- 4 deg F Special limits +/- 2 deg F</p> <p>Probe diameter & Sheath material</p> <table border="0"> <tr><td>.020</td><td>.098</td><td>A=304 SS</td></tr> <tr><td>.032</td><td>.118</td><td>B=316 SS</td></tr> <tr><td>.039</td><td>.125</td><td>C=1600</td></tr> <tr><td>.040</td><td>.156</td><td>D=Hastalloy</td></tr> <tr><td>.059</td><td>.188</td><td>E=310SS</td></tr> <tr><td>.062</td><td>.250</td><td>F=446 SS</td></tr> <tr><td>.078</td><td>.312</td><td></td></tr> <tr><td></td><td>.375</td><td></td></tr> </table> <p>Probe mount length in inches</p>	.020	.098	A=304 SS	.032	.118	B=316 SS	.039	.125	C=1600	.040	.156	D=Hastalloy	.059	.188	E=310SS	.062	.250	F=446 SS	.078	.312			.375		<p>Probe mount length in fraction</p> <table border="0"> <tr><td>A=.062</td><td>B=.125</td><td>C=.188</td></tr> <tr><td>D=.250</td><td>E=.312</td><td>F=.375</td></tr> <tr><td>G=.437</td><td>H=.500</td><td>J=.562</td></tr> <tr><td>K=.625</td><td>L=.687</td><td>M=.750</td></tr> <tr><td>N=.812</td><td>P=.875</td><td>R=.937</td></tr> <tr><td>Z=0</td><td></td><td></td></tr> </table>	A=.062	B=.125	C=.188	D=.250	E=.312	F=.375	G=.437	H=.500	J=.562	K=.625	L=.687	M=.750	N=.812	P=.875	R=.937	Z=0			<p>Plug fill R=RTV E=Epoxy</p> <p>Termination 1=Plug w/ braze insert 2=Plug w/ compression bracket 3=Jack w/ braze insert 4=Jack w/ compression bracket 5=Mini Plug w/ braze insert 6=Mini Plug w/ compression bracket 7=Mini Jack w/ braze insert 8=Mini Jack w/ compression bracket 9=Duplex plug 10=Duplex jack</p> <p>Tip & junction</p> <table border="0"> <tr><td>GD</td><td>GR</td><td>GF</td></tr> <tr><td>UD</td><td>UR</td><td>UF</td></tr> </table> <p>EJ=Exposed junction OF=Open end flush tip</p>	GD	GR	GF	UD	UR	UF
.020	.098	A=304 SS																																																
.032	.118	B=316 SS																																																
.039	.125	C=1600																																																
.040	.156	D=Hastalloy																																																
.059	.188	E=310SS																																																
.062	.250	F=446 SS																																																
.078	.312																																																	
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A=.062	B=.125	C=.188																																																
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G=.437	H=.500	J=.562																																																
K=.625	L=.687	M=.750																																																
N=.812	P=.875	R=.937																																																
Z=0																																																		
GD	GR	GF																																																
UD	UR	UF																																																



MI Cable With Connector RTD

Mineral insulated cable is terminated to a connector without the use of lead wires. These are durable, fast responding sensors. Other features include the ability to tolerate high temperatures, thermal shock resistance, flexibility and moisture proofing. The probe is easily installed and can be formed without breaking.



90 degree bend on cable is available.
Specify if mounting hardware is required.

Style "MTR"

RTD Code
 RTD2=Two wire
 RTD3=Three wire
 RTD4=Four wire
 RTDD2=Dual two-wire
 RTDD3=Dual three-wire
 Note: Dual RTD's available in 1/4" diameter probe and larger

Probe diameter & sheath material
 .118 .312 A= 304 SS
 .125 .375 B= 316 SS
 .156 C= 1 600
 .188 D= Hastalloy
 .250 E= 310 SS
 F= 446 SS

Probe mount length in inches

Probe mount length in fraction
 A=.062 B=.125 C=.188
 D=.250 E=.312 F=.375
 G=.437 H=.500 J=.562
 K=.625 L=.687 M=.750
 N=.812 P=.875 R=.937
 Z=0

Plug fill
 R=RTV
 E=Epoxy

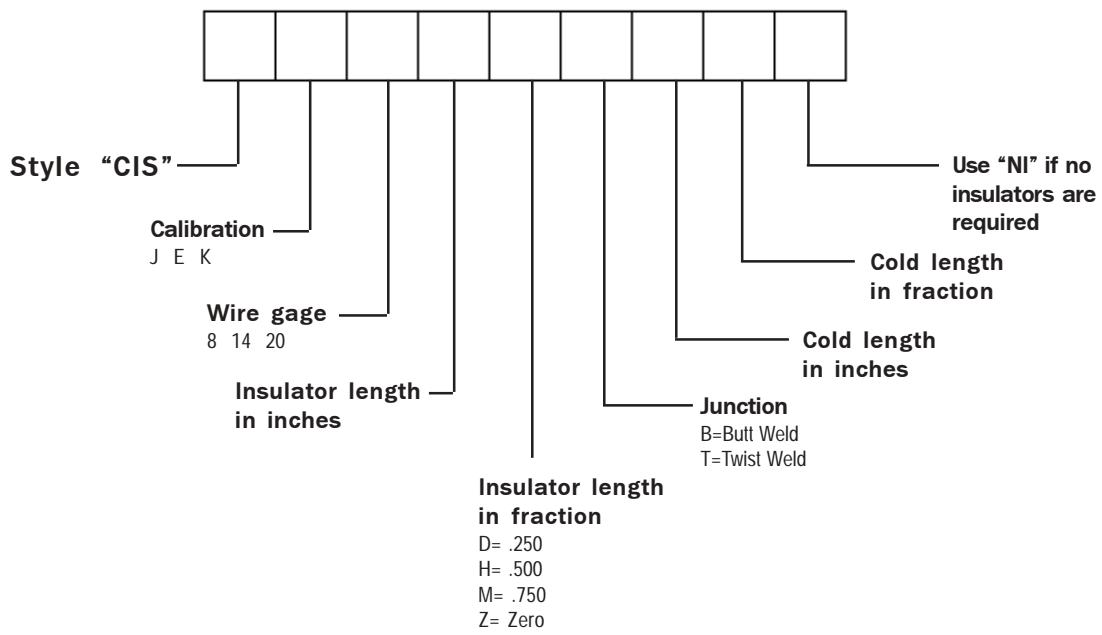
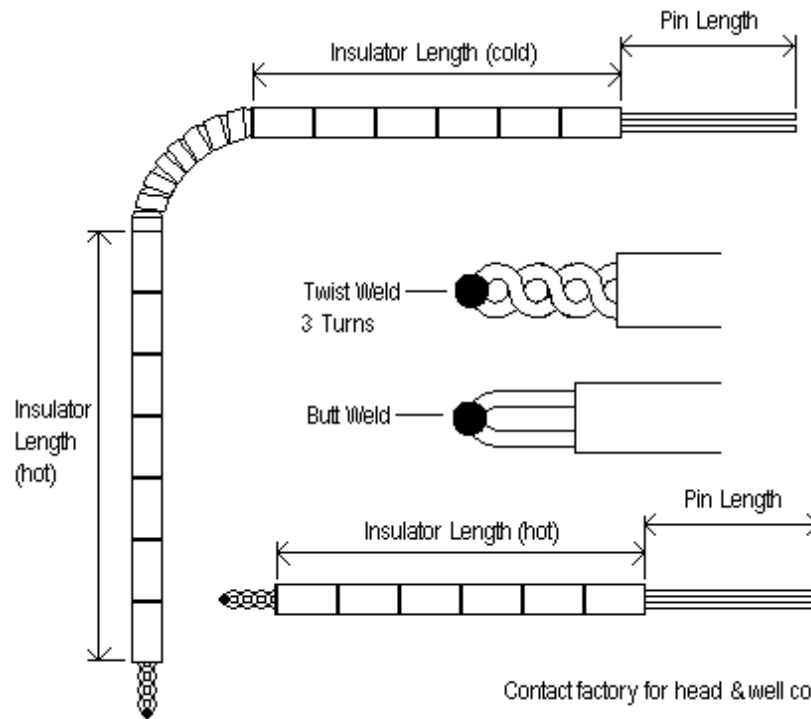
Termination
 1=2 Pin Plug/Braze Insert
 2=2 Pin Plug/Compression Bracket
 3=3 Pin Plug/Braze Insert
 4=3 Pin Plug/Compression Bracket
 5=2 Pin Jack/Braze Insert
 6=2 Pin Jack/Compression Bracket
 7=3 Pin Jack/Braze Insert
 8=3 Pin Jack/Compression Bracket
 9=Mini 2 Pin Plug/Braze Insert
 10=Mini 3 Pin Plug/Braze Insert
 11=Mini 2 Pin Jack/Braze Insert
 12=Mini 3 Pin Jack/Braze Insert

Tip & junction
 UD UR UF
 EJ=Exposed Junction
 OF=Open End Flush Tip



Solid Conductor/Ceramic Insulator Thermocouple

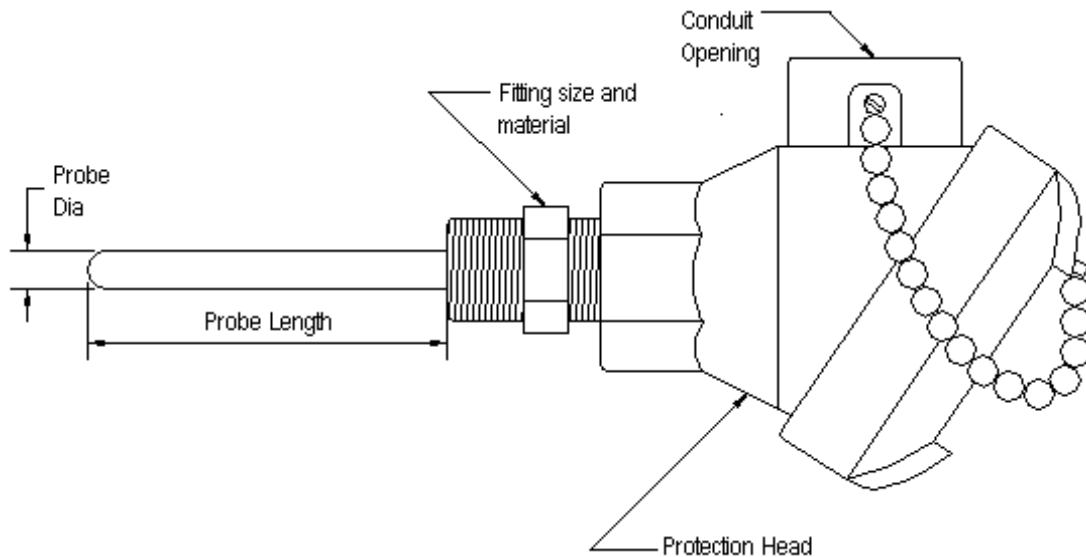
Codierite insulators are rated at 2250 degrees F. Insulator assemblies can be used in conjunction with a protection head and thermowell configuration



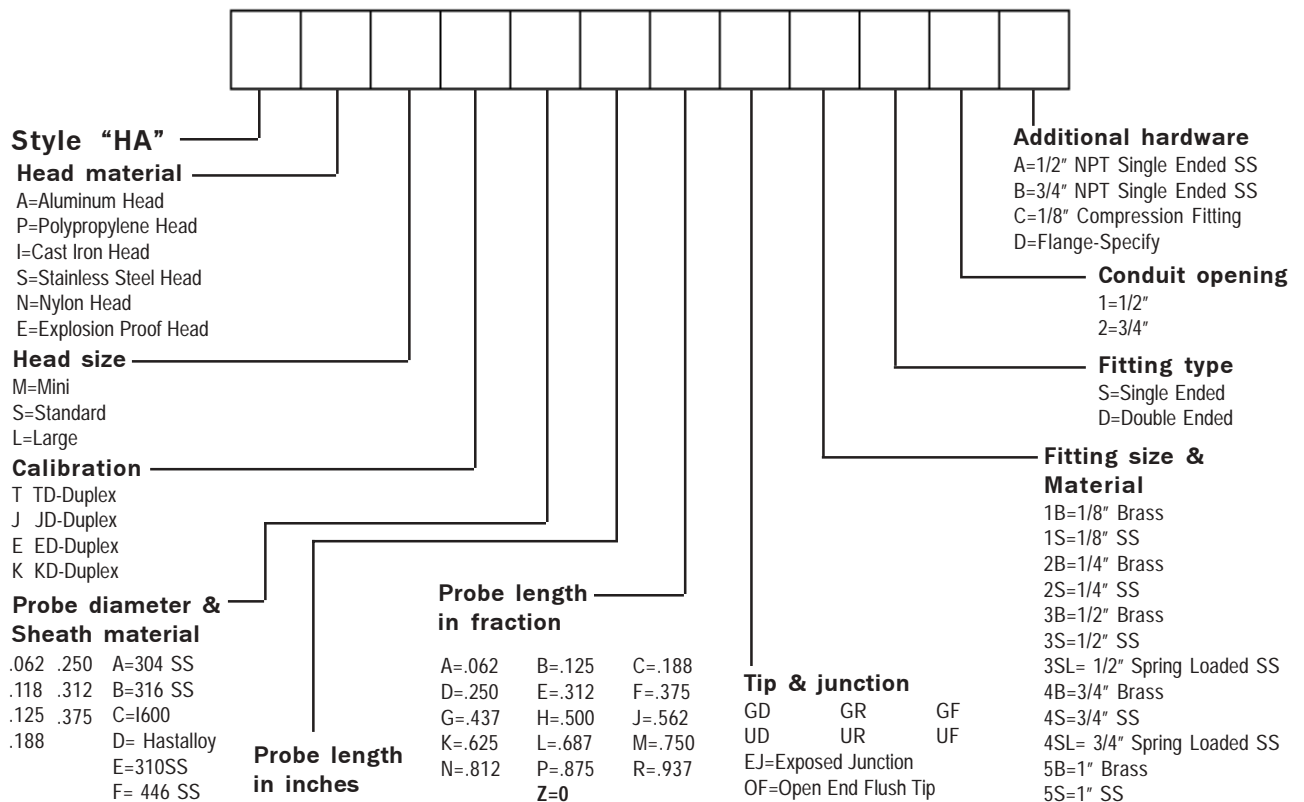


MI Cable With Protection Head

Protection head assembly are typically used in conjunction with a thermowell. The assembly can be mounted directly into the process or can be mounted into a thermowell, which is then mounted into the process.



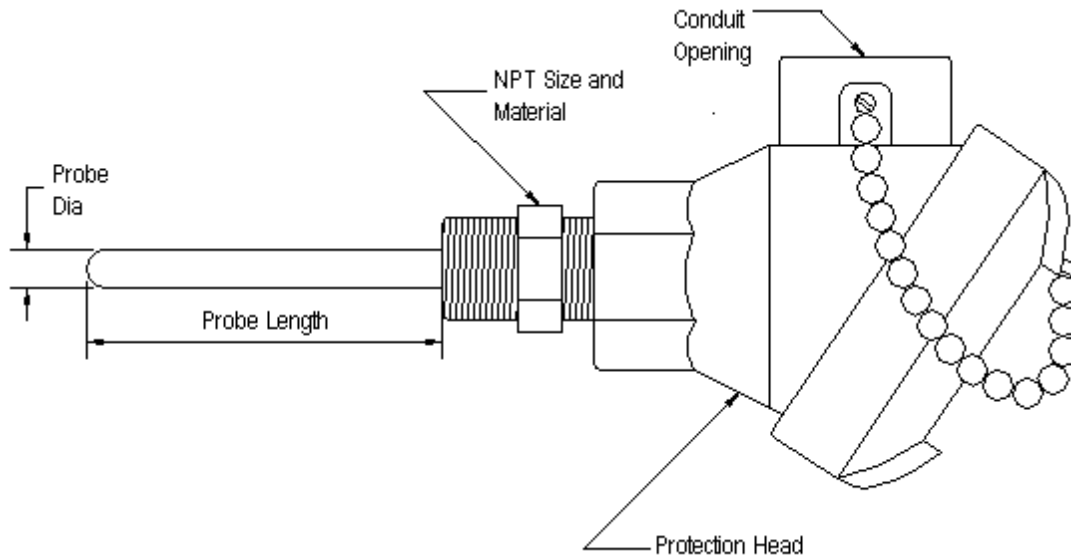
Aluminum head is standard.
Thermowell sold separately.





MI Cable With Protection Head RTD

Protection head assembly are typically used in conjunction with a thermowell. The assembly can be mounted directly into the process or can be mounted into a thermowell, which is then mounted into the process.



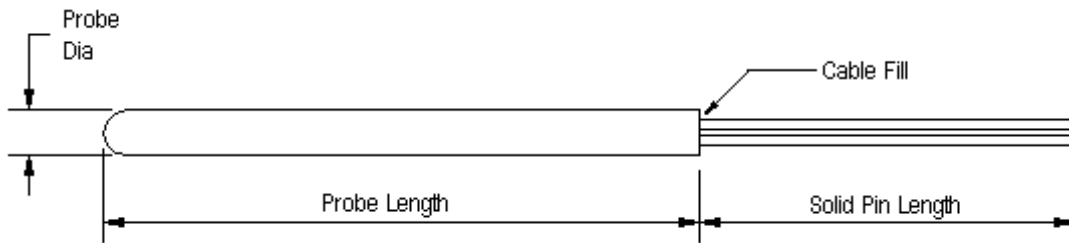
Dual RTD's available in 1/4" diameter probe and larger.

<p>Style "HAR"</p> <p>Head material A=Aluminum Head P=Polypropylene Head I=Cast Iron Head S=Stainless Steel Head N=Nylon Head E=Explosion Proof Head</p> <p>Head size M=Mini S=Standard L=Large</p> <p>RTD code RTD2=Two wire RTD3=Three wire RTD4=Four wire RTDD2=Dual two-wire RTDD3=Dual three-wire Note: Dual RTD's available in 1/4" diameter probe and larger</p>	<p>Probe diameter & Sheath material</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">.118</td> <td style="width: 33%;">A= 304 SS</td> <td style="width: 33%;"></td> </tr> <tr> <td>.125</td> <td>B= 316 SS</td> <td></td> </tr> <tr> <td>.156</td> <td>C= I 600</td> <td></td> </tr> <tr> <td>.188</td> <td>D= Hastalloy</td> <td></td> </tr> <tr> <td>.250</td> <td>E= 310 SS</td> <td></td> </tr> <tr> <td>.312</td> <td>F= 446 SS</td> <td></td> </tr> </table> <p>Probe length in inches</p>	.118	A= 304 SS		.125	B= 316 SS		.156	C= I 600		.188	D= Hastalloy		.250	E= 310 SS		.312	F= 446 SS		<p>Tip & junction UD UR UF EJ=Exposed Junction OF=Open End Flush Tip</p> <p>Probe length in fraction</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">A=.062</td> <td style="width: 33%;">B=.125</td> <td style="width: 33%;">C=.188</td> </tr> <tr> <td>D=.250</td> <td>E=.312</td> <td>F=.375</td> </tr> <tr> <td>G=.437</td> <td>H=.500</td> <td>J=.562</td> </tr> <tr> <td>K=.625</td> <td>L=.687</td> <td>M=.750</td> </tr> <tr> <td>N=.812</td> <td>P=.875</td> <td>R=.937</td> </tr> <tr> <td></td> <td>Z=0</td> <td></td> </tr> </table>	A=.062	B=.125	C=.188	D=.250	E=.312	F=.375	G=.437	H=.500	J=.562	K=.625	L=.687	M=.750	N=.812	P=.875	R=.937		Z=0		<p>Additional hardware A=1/2" NPT Single Ended SS B=3/4" NPT Single Ended SS C=1/8" NPT Compression Fitting SS D=Flange-Specify</p> <p>Conduit opening 1=1/2" 2=3/4"</p> <p>Fitting type S=Single Ended D=Double Ended</p> <p>Fitting size & Material</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">1B=1/8" Brass</td> <td style="width: 33%;">1S=1/8" SS</td> <td style="width: 33%;"></td> </tr> <tr> <td>2B=1/4" Brass</td> <td>2S=1/4" SS</td> <td></td> </tr> <tr> <td>3B=1/2" Brass</td> <td>3S=1/2" SS</td> <td></td> </tr> <tr> <td>3SL= 1/2" Spring Loaded SS</td> <td>4B=3/4" Brass</td> <td></td> </tr> <tr> <td>4S=3/4" SS</td> <td>4SL= 3/4" Spring Loaded SS</td> <td></td> </tr> <tr> <td>5B=1" Brass</td> <td>5S=1" SS</td> <td></td> </tr> </table>	1B=1/8" Brass	1S=1/8" SS		2B=1/4" Brass	2S=1/4" SS		3B=1/2" Brass	3S=1/2" SS		3SL= 1/2" Spring Loaded SS	4B=3/4" Brass		4S=3/4" SS	4SL= 3/4" Spring Loaded SS		5B=1" Brass	5S=1" SS	
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Mineral Insulated Probe

Mineral insulation cable which requires no hardware can be used in drilled holes where mounting is not an issue. The cable can be sealed and submerged. It can be formed to hang on the side of a tank.



Leads can be added to solid pins. Contact factory.
 90 degree bend on cable is available.
 Specify if mounting hardware is required.

Style "MP"

Calibration

T	TS-Special limits	TD-Duplex
J	JS-Special limits	JD-Duplex
E	ES-Special limits	ED-Duplex
K	KS-Special limits	KD-Duplex
	Special limits +/- 2 deg F	
	Standard limits +/- 4deg F	

Probe diameter & Sheath material

.020	.078	.250	A= 304 SS
.032	.098	.312	B= 316 SS
.039	.118	.375	C= I 600
.040	.125		D= Hastalloy
.059	.156		E= 310 SS
.062	.188		F= 446 SS

Tip & junction

GD	GR	GF
UD	UR	UF
EJ=Exposed Junction		
OF=Open End Flush Tip		

Cable fill

E=Epoxy
 R=RTV
 C=Cement

Solid pin length in inches

Probe length in inches

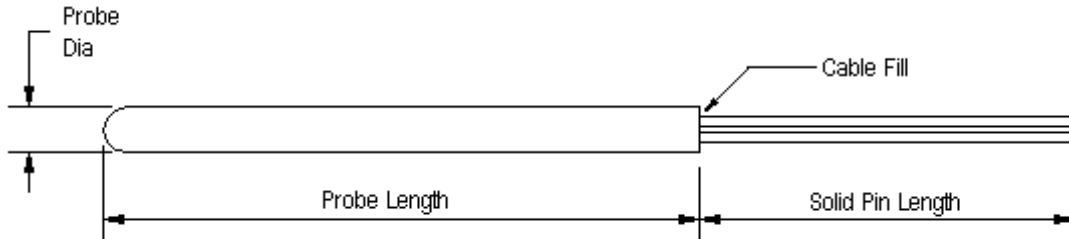
Probe length in fraction

A=.062	B=.125	C=.188
D=.250	E=.312	F=.375
G=.437	H=.500	J=.562
K=.625	L=.687	M=.750
N=.812	P=.875	R=.937
Z=0		

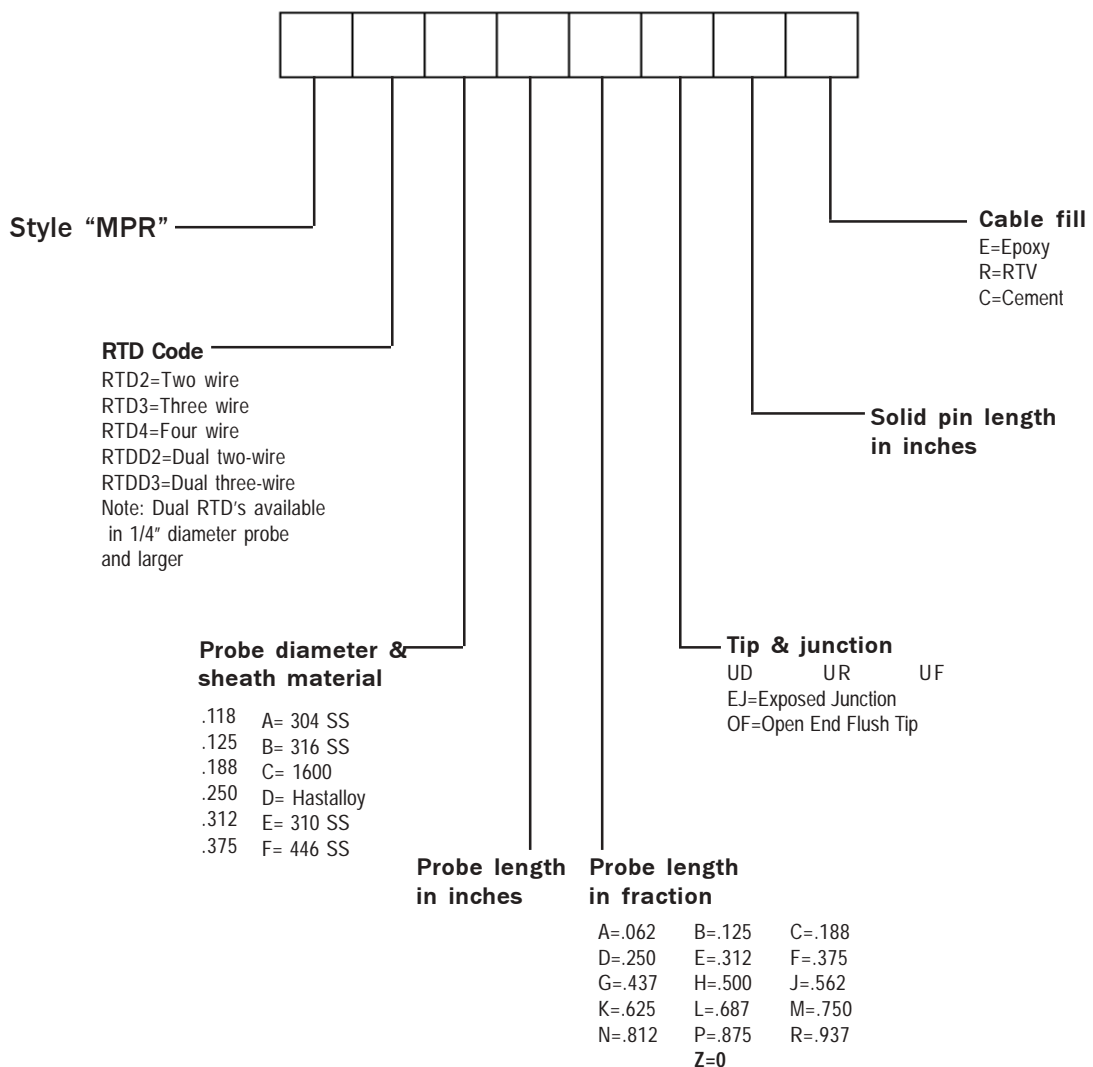


Mineral Insulated Probe RTD

Mineral insulation cable which requires no hardware can be used in drilled holes where mounting is not an issue. The cable can be sealed and submerged. It can be formed to hang on the side of a tank.



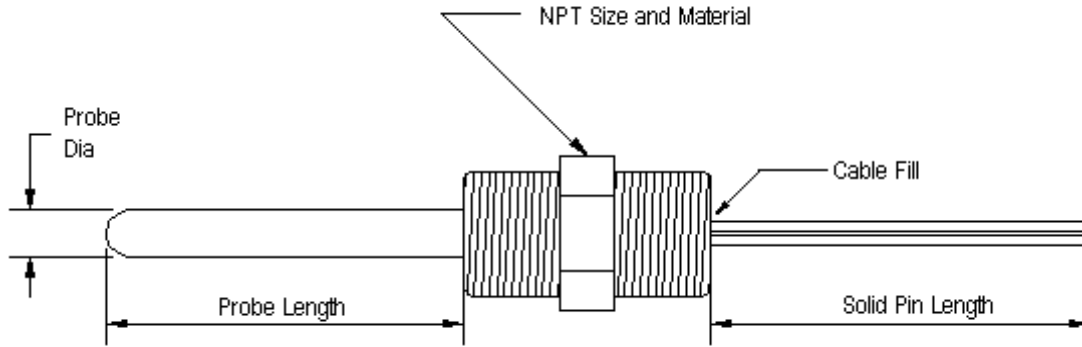
Leads can be added to solid pins. Contact factory.





Mineral Insulated Probe With Fitting

Mineral insulated cable used in conjunction with a threaded fitting allows for mounting directly into the process. Leads can be added to solid pins if required.



A compression fitting can be substituted for an npt fitting. Consult the factory.

Style "MH"

Calibration

- T TS-Special limits TD-Duplex
- J JS-Special limits JD-Duplex
- E ES-Special limits ED-Duplex
- K KS-Special limits KD-Duplex
- Special limits +/- 2 deg F
- Standard limits +/- 4deg F

Probe diameter & Sheath material

- .062 A= 304 SS
- .118 B= 316 SS
- .125 C= 1600
- .188 D= Hastalloy
- .250 E= 310 SS
- .312 F=446SS
- .375

Probe length in inches

Probe length in fraction

- | | | |
|--------|--------|--------|
| A=.062 | B=.125 | C=.188 |
| D=.250 | E=.312 | F=.375 |
| G=.437 | H=.500 | J=.562 |
| K=.625 | L=.687 | M=.750 |
| N=.812 | P=.875 | R=.937 |
| Z=0 | | |

Tip & junction

- GD GR GF
- UD UR UF
- EJ=Exposed Junction
- OF=Open End Flush Tip

Solid pin length in inches

Cable fill

- E=Epoxy
- R=RTV
- C=Cement

Fitting type

- S=Single Ended
- D=Double Ended

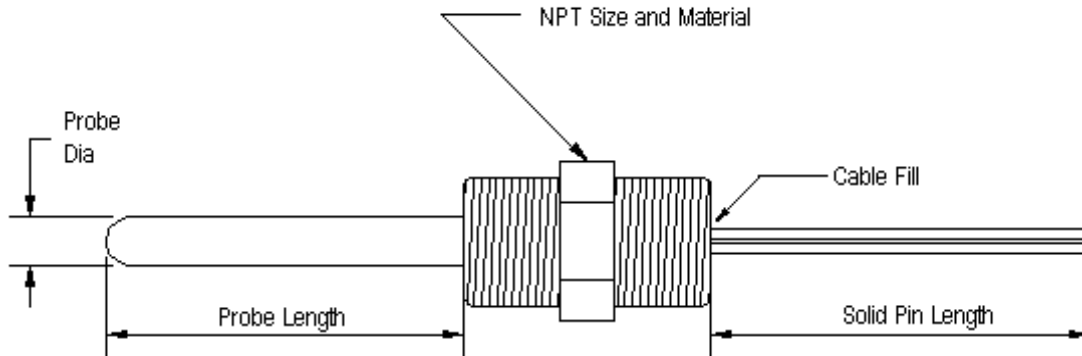
Fitting size & Material

- 1B=1/8" Brass
- 1S=1/8" SS
- 2B=1/4" Brass
- 2S=1/4" SS
- 3B=1/2" Brass
- 3S=1/2" SS
- 3SL= 1/2" Spring Loaded SS
- 4B=3/4" Brass
- 4S=3/4" SS
- 4SL= 3/4" Spring Loaded SS
- 5B=1" Brass
- 5S=1" SS

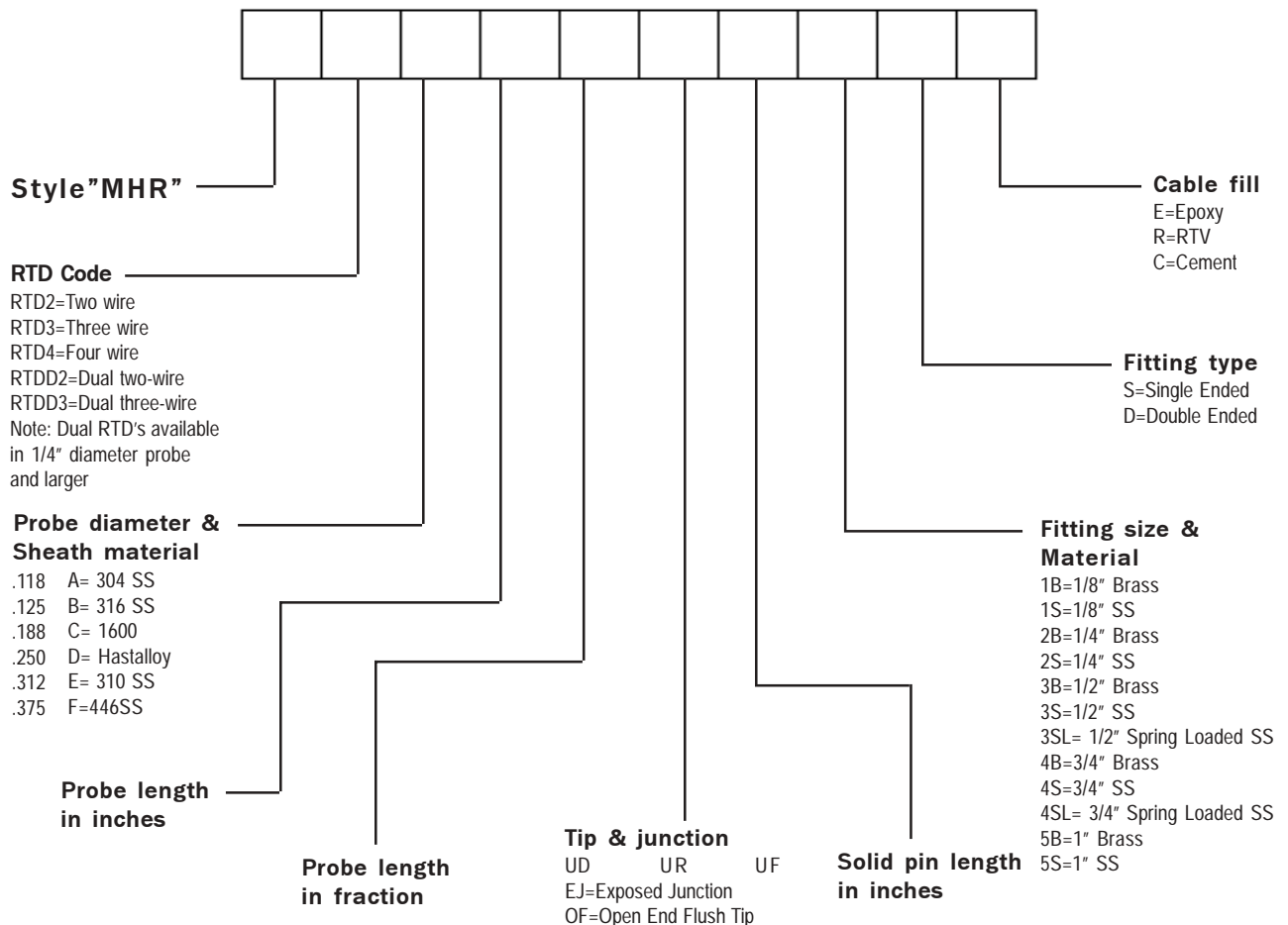


Mineral Insulated Probe With Fitting RTD

Mineral insulated cable used in conjunction with a threaded fitting allows for mounting directly into the process. Leads can be added to solid pins if required.



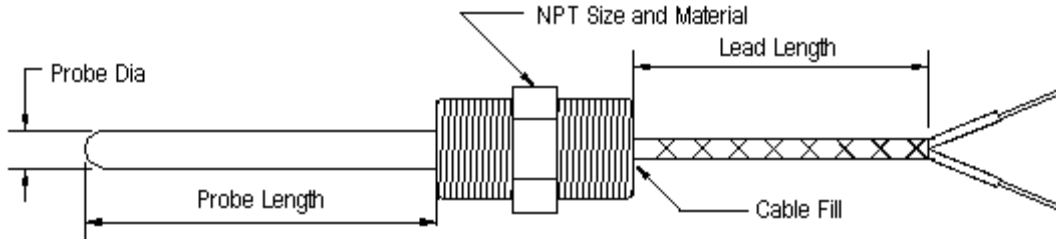
A compression fitting can be substituted for an npt fitting. Consult the factory.





MI Probe With Fitting & Leads

Mineral insulated cable used in conjunction with a threaded fitting and flexible lead wires allows for mounting directly into the process.

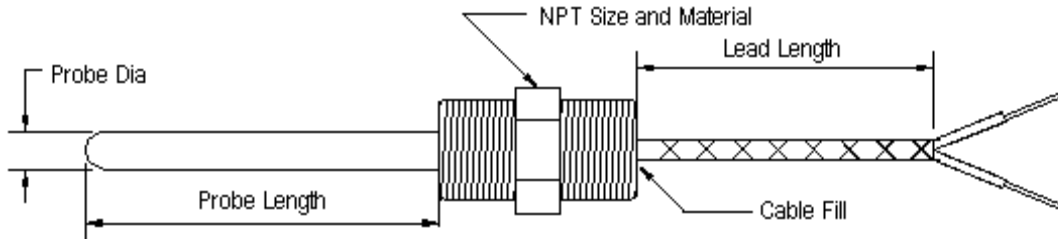


A compression fitting can be substituted for an npt fitting. Consult the factory.

MHL	Calibration	Probe diameter & sheath material	Probe length in inches	Probe length in fraction	Tip & junction	Fitting size & Material	Fitting type	Lead length in inches	Cable fill	Termination	Lead protection	Lead wire insulation
	T TS-Special limits TD-Duplex J JS-Special limits JD-Duplex E ES-Special limits ED-Duplex K KS-Special limits KD-Duplex Special limits +/- 2 deg F Standard limits +/- 4deg F	.118 A= 304 SS .125 B= 316 SS .188 C= 1600 .250 D= Hastalloy .312 E= 310 SS .375 F=446SS		A=.062 B=.125 C=.188 D=.250 E=.312 F=.375 G=.437 H=.500 J=.562 K=.625 L=.687 M=.750 N=.812 P=.875 R=.937 Z=0	GD GR GF UD UR UF EJ=Exposed Junction OF=Open End Flush Tip	1B=1/8" Brass 1S=1/8" SS 2B=1/4" Brass 2S=1/4" SS 3B=1/2" Brass 3S=1/2" SS 3SL= 1/2" Spring Loaded SS 4B=3/4" Brass 4S=3/4" SS 4SL= 3/4" Spring Loaded SS 5B=1" Brass 5S=1" SS	S=Single Ended D=Double Ended		E=Epoxy R=RTV C=Cement	0=Split & Stripped 1=Spade Lugs 2=Spade Lugs/BX Connector 3=Standard Plug 4=Standard Jack 5=Mini Plug 6=Mini Jack For Additional Terminations, Refer to Options Page of the Catalog	FS=Fiberglass Sleeving SS=Silicone Sleeving B=Braid A=Armor BA=Braid/Armor	F=Fiberglass T=Teflon K=Kapton

MI Probe With Fitting & Leads RTD

Mineral insulated cable used in conjunction with a threaded fitting and flexible lead wires allows for mounting directly into the process.



A compression fitting can be substituted for an npt fitting.
Consult the factory.

