

Customer Name: _____
 Email: _____ Date: _____
 Contact Number: _____ Quantity: _____
 Job Number: _____ Part Number: _____

MgO RTD Spec Build Sheet

 Email to sales@sethermal.com
Construction Style (See Below for Construction Types - Page 2)

RA	F	M	T	X	2
B	G	Q	V	Y	3
D	K	R	4	Z	8
E	L	S	W	1	

Element Type Resistance @ 0°C

Platinum 100Ω Single		Platinum 500Ω Single
2 wire 3 4		2 wire 3 4
Platinum 100Ω Dual		Platinum 1000Ω Single
2 wire 3 4		2 wire 3 4

Accuracy & Temperature Coefficient Accuracy @ 0°C

Class B (.12%)		1/3 RD (.04%)
Din .00385 Jis .00392		Din .00385 Jis .00392
Class A (.06%)		1/10th (.01%)
Din .00385 Jis .00392		Din .00385

Temperature Range

-50 to +200°C	-50 to +450°C	-200 to +650°C
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Sheath Diameter

1/8 (.125)	3/16 (.188)	1/4 (.250)	3/8 (.375)
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Sheath Material (Inch) 316SS
Sheath Length _____ inches

Termination Length _____ inches

Leadwire Type (All stranded- specify below)

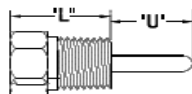
Fiberglass Cable (450°C)		FG w/SS Overbraid
FG w/SS Flex Armor Cable		w/ SS Flex Armor Cable
Teflon Cable (200°C)		Shielded Teflon
w/SS Overbraid		PVC (105°C)
Teflon Singles		Fiberglass Singles

Leadwire Termination

None		Standard Male Plug (200°C)	Standard Plug w/Mating Jack
2 1/2" Split	Standard Female Jack	Miniature Male Plug	
2 1/2" Split w/#8 spade lugs		Miniature Plug Mating Jack	
2 1/2 Split" w/#8 spade lugs & BX Connector			
Miniature Female Jack			
2 1/2 Split" w1/4" Push-On Connectors			

Sheath Mounting Fittings

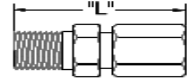
Fixed Brazed or Welded Bushings

 NPT _____
 316 SS _____
 Brass _____

Sheath Mounting Fittings - continued

Compression Fittings

Re-Adjustable -Stainless Steel

NPT _____

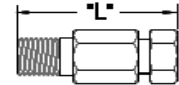


One-time Adjustable

NPT _____

Stainless Steel _____

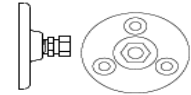
Brass _____



Mounting Flanges (Not available with teflon coated sheath)

w/Adjustable Brass Compression

w/Adjustable SS Compression

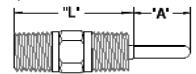


Double Ended Hex Nipples NPT _____

Steel, brazed on 316 SS

SS, spring loaded Steel, spring loaded

SS, self contained spring loaded (1/4")



Bayonet Fitting

Adjustable (1/8)

Re-Adjustable (1/8)

Fixed

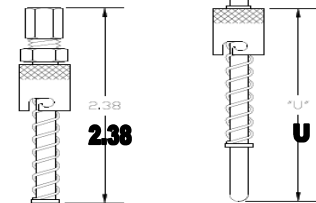
Sheath Diameter:

1/8 inch

3/16 inch

1/4 inch

"U" Length _____ inches

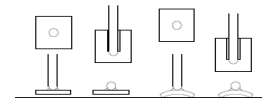

Weld Pads (316 SST, 1x1 inch)

Perpendicular

Horizontal

Perpendicular Radius*

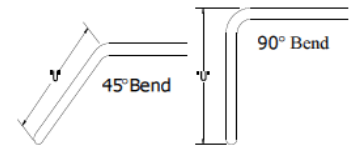
Horizontal Radius* *Specify radius _____


Sheath Bends

90°

45°

U Length _____ Inches


Special Options

- BX Connector on leads
- PVC Coated Flex Armor
- Teflon Coated Flex Armor
- Teflon Encapsulated Sheath
- Grounding Screw
- Other Specify _____

TEMPERATURE SENSORS



MgO RTD Construction Types

