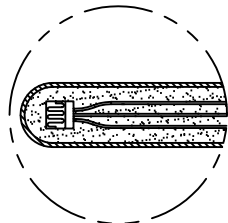
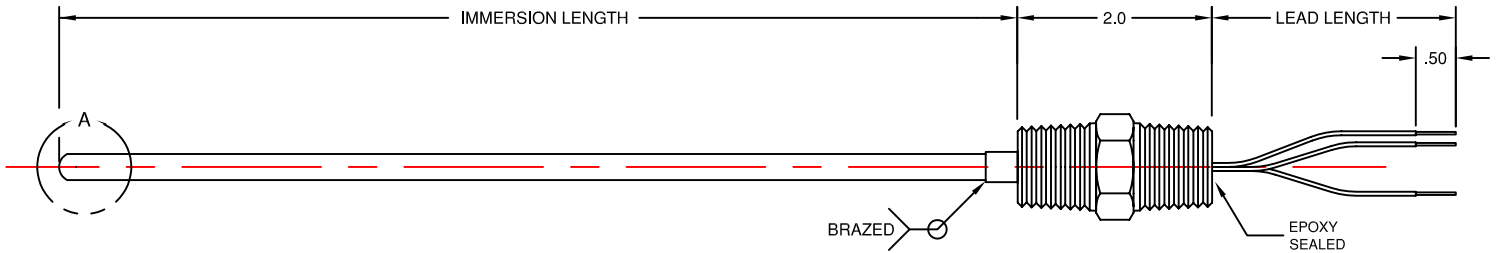


IMMERSION RTD'S

RTD's with a double ended fitting provides water tight connection into the process and used to attached conduit, junction boxes, connection heads with terminal block or transmitter.



DETAIL A
(LT & MT)



DETAIL A
(CE & HT)

SPECIFICATIONS

RTD Element, LT & MT

Type: Platinum, Thin Film
Resistance @ 0° C: 100 OHMS
Temperature Coefficient of Resistance: .00385
Sheath Material: 316 Stainless Steel
Insulation: Teflon(FEP)

RTD Element, CE

Type: Platinum, Wire Wound
Resistance @ 0° C: 100 OHMS
Temperature Coefficient of Resistance: .00385
Sheath Material: 316 Stainless Steel
Insulation: Hard Packed MgO

RTD Element, HT

Type: Platinum, Wire Wound
Resistance @ 0° C: 100 OHMS
Temperature Coefficient of Resistance: .00385
Sheath Material: Inconel 600
Insulation: Hard Packed MgO

Lead Wire

Conductor Size: 24 Gauge Stranded
Conductor Material: TEFLON

Fitting

Material: 316 Stn. Stl.

ORDERING CODE

HT TEMPERATURE RANGE

CODE	SHEATH DIAMETER	AVAILABILITY (W=WIRES,T=TOTAL)					
		SINGLE			DUPLEX		
		2W	3W	4W	2W(4T)	3W(6T)	4W(8T)
18	1/8" (3.2mm)						
316	3/16" (4.8mm)	●	●	●			
14	1/4" (6.4mm)	●	●	●	●	●	

CODE	TEMPERATURE RANGE
LT	-58° F to 500° F (-50° C to 260° C)
MT	-58° F to 752° F (-50° C to 400° C)
CE	-292° F to 932° F (-180° C to 500° C)
HT	-292° F to 1202° F (-180° C to 650° C)

MT TEMPERATURE RANGE

CODE	SHEATH DIAMETER	AVAILABILITY (W=WIRES,T=TOTAL)					
		SINGLE			DUPLEX		
		2W	3W	4W	2W(4T)	3W(6T)	4W(8T)
18	1/8" (3.2mm)	●	●	●	●	●	
316	3/16" (4.8mm)	●	●	●	●	●	
14	1/4" (6.4mm)	●	●	●	●	●	

LT & CE TEMPERATURE RANGE

CODE	SHEATH DIAMETER	AVAILABILITY (W=WIRES,T=TOTAL)					
		SINGLE			DUPLEX		
		2W	3W	4W	2W(4T)	3W(6T)	4W(8T)
18	1/8" (3.2mm)	●	●	●	●	●	
316	3/16" (4.8mm)	●	●	●	●	●	
14	1/4" (6.4mm)	●	●	●	●	●	

CODE	STRUCTURE
	SINGLE (LEAVE BLANK)
D	DUPLEX

CODE	IMMERSION LENGTH (IN INCHES)

LT & MT 28 INCHES MAXIMUM

CODE	LEAD LENGTH (IN INCHES)

CODE	THREAD SIZE
1/8	1/8" NPT
1/4	1/4" NPT
1/2	1/2" NPT

CODE	ACCURACY (ASTM E1137)
	CLASS B (LEAVE BLANK)
CLA	CLASS A

HT NOT AVAILABLE IN CLASS A

CODE	SYSTEM
2W	2 WIRE
	3 WIRE (LEAVE BLANK)*
4W	4 WIRE

*Single or Duplex

-1632- 14 - CE - 12 - 6 - 1/2 - CLA - CLA

Notes:

(1) For an item that does not fall within the catalog description an (SP) can be added to the ordering code as part of a custom construction.



TEMPERATURE MEASUREMENT DESIGNER'S GUIDE
WWW.THERMO-ELECTRIC-DIRECT.COM

SECTION IMRD

RTD'S with DOUBLE ENDED HEX FITTING

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