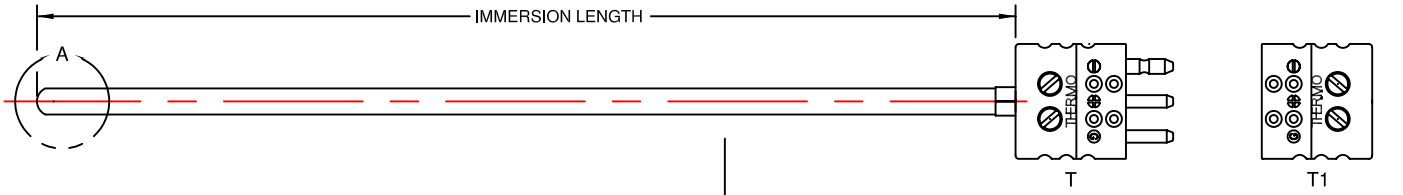


# IMMERSION RTD'S

TEMPERATURE RANGE: -292°F to 932°F (-180°C to 500°C)



## SPECIFICATIONS

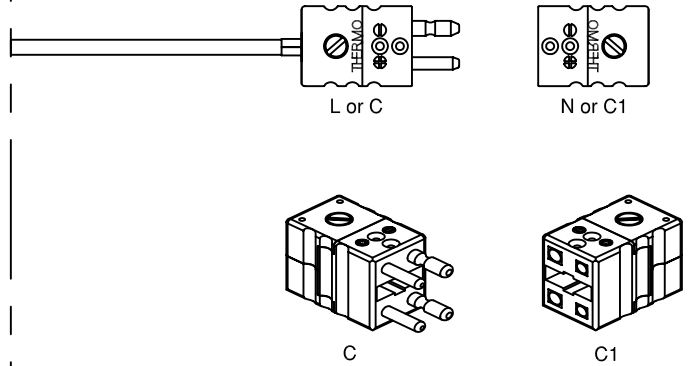
### RTD Element

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



### Connectors

Body Material: Thermoplastic  
 Polarized Pins  
 Spring Loaded Inserts  
 Maximum Temperature Limit: 390°F (200°C)



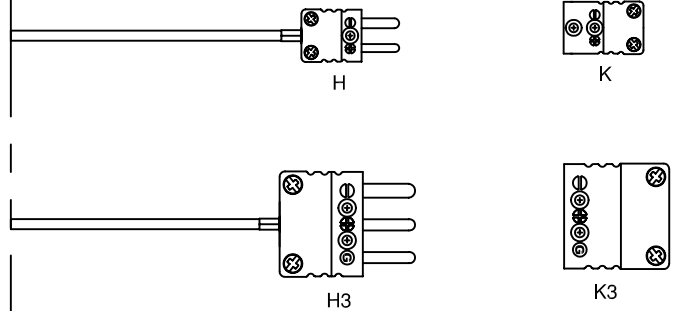
## ORDERING CODE

CODE	SHEATH DIAMETER	AVAILABILITY (W=WIRES, T=TOTAL)						CODE	ACCURACY (ASTM E1137)
		SINGLE			DUPLEX				
		2W	3W	4W	2W(4T)	3W(6T)	4W(8T)	CLA	
18	1/8" (3.2mm)	●	●	●	●	●	●		CLASS B (LEAVE BLANK)
316	3/16" (4.8mm)	●	●	●	●	●	●		CLASS A
14	1/4" (6.4mm)	●	●	●	●	●	●		

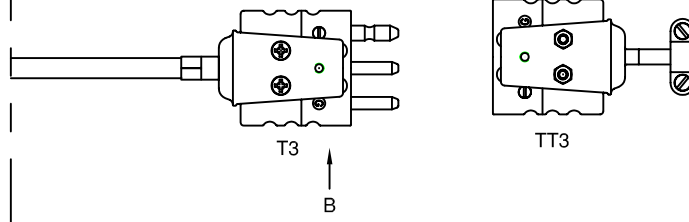
  

CODE	SYSTEM
2W	2 WIRE (4 DUPLEX)
3W	3 WIRE (LEAVE BLANK)*
4W	4 WIRE (SINGLE ONLY)

\*Single or Duplex

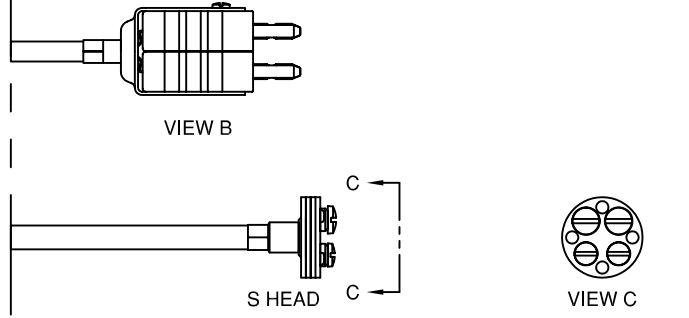


RTD - 14 - CE - 12 - 0 - T / T1 - CLA -



CODE	STRUCTURE
	SINGLE (LEAVE BLANK)
D	DUPLEX

CODE	TERMINATION	CODE	MATING CONNECTOR (OMIT IF NOT ORDERED)
T	STANDARD SIZE 3 PIN PLUG	T1	STANDARD SIZE 3 PIN JACK
L	STANDARD SIZE 2 PIN PLUG	N	STANDARD SIZE 2 PIN JACK
C	STANDARD SIZE 4 PIN PLUG	C1	STANDARD SIZE 4 PIN JACK
H	MINIATURE 2 PIN PLUG (SEE NOTE 1)	K	MINIATURE 2 PIN JACK
H3	MINIATURE 3 PIN PLUG (SEE NOTE 1)	K3	MINIATURE 3 PIN JACK
T3	STANDARD SIZE 6 PIN PLUG	TT3	STANDARD SIZE 6 PIN JACK
S	COOLANT HEAD (4WIRES MAX.)		WIRE ONLY



- Notes:
- (1) Available in 1/8" diameters only.
  - (2) Sheath may be bent to up to a diameter of twice the radius from 2" past tip.
  - (3) 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

### TYPE "CE"

IMMERSION RTD'S with CONNECTORS  
 SINGLE & DUPLEX CONSTRUCTION

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