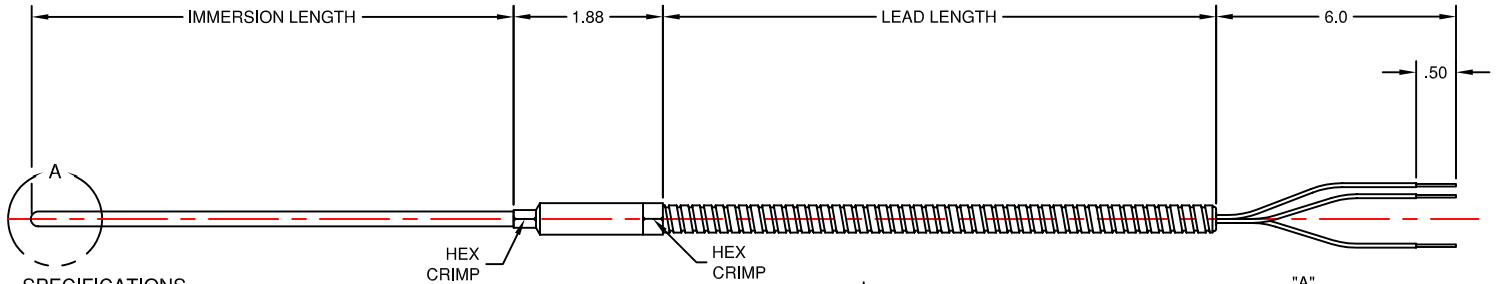


IMMERSION RTD'S

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

Lead Wire

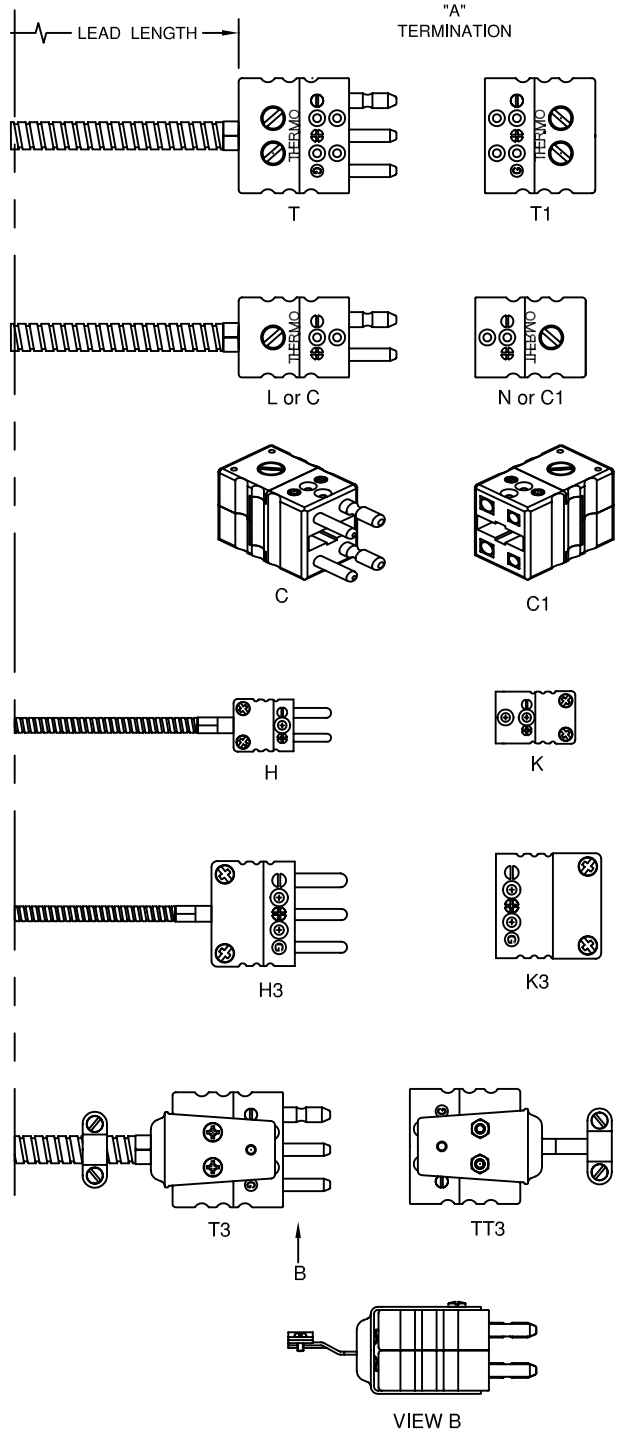
Conductor Size: 24 Gauge Stranded
 Conductor Material: Nickel Plated Copper
 Insulation: Fiberglass or Teflon(FEP)
 Armor: Stainless Steel, Flexible

Connectors

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



DETAIL A



ORDERING CODE

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

CODE	IMMERSION LENGTH (IN INCHES)
14	1.4
18	1.8
2	2.0
3	3.0
4	4.0
6	6.0
8	8.0
10	10.0
12	12.0
15	15.0
20	20.0
25	25.0
30	30.0
36	36.0
48	48.0
60	60.0
72	72.0
96	96.0

CODE	LEAD LENGTH (IN INCHES)
2	2.0
3	3.0
4	4.0
6	6.0
8	8.0
10	10.0
12	12.0
15	15.0
20	20.0
25	25.0
30	30.0
36	36.0
48	48.0
60	60.0
72	72.0
96	96.0

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

*Single or Duplex

D - RTD - 14 - CE - 18 - 96 - 2 - C - C1 - CLA - 2W

CODE	STRUCTURE
	SINGLE (LEAVE BLANK)
D	DUPLEX

CODE	LEAD WIRE INSULATION
2	FIBERGLASS W/ARMOR OVERALL
8	TEFLON W/ARMOR OVERALL

CODE	TERMINATION
A	BARE ENDS (NOTE 1)
T	STANDARD SIZE 3 PIN PLUG
L	STANDARD SIZE 2 PIN PLUG
C	STANDARD SIZE 4 PIN PLUG
H	MINIATURE 2 PIN PLUG
H3	MINIATURE 3 PIN PLUG
T3	STANDARD SIZE 6 PIN PLUG

CODE	MATING CONNECTOR (OMIT IF NOT ORDERED)
T1	STANDARD SIZE 3 PIN JACK
N	STANDARD SIZE 2 PIN JACK
C1	STANDARD SIZE 4 PIN JACK
K	MINIATURE 2 PIN JACK
K3	MINIATURE 3 PIN JACK
TT3	STANDARD SIZE 6 PIN JACK

Notes:

- (1) Available with spade lugs, replace "A" with "LG".
- (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 ARMORED LEAD WIRE
 SINGLE & DUPLEX CONSTRUCTION

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