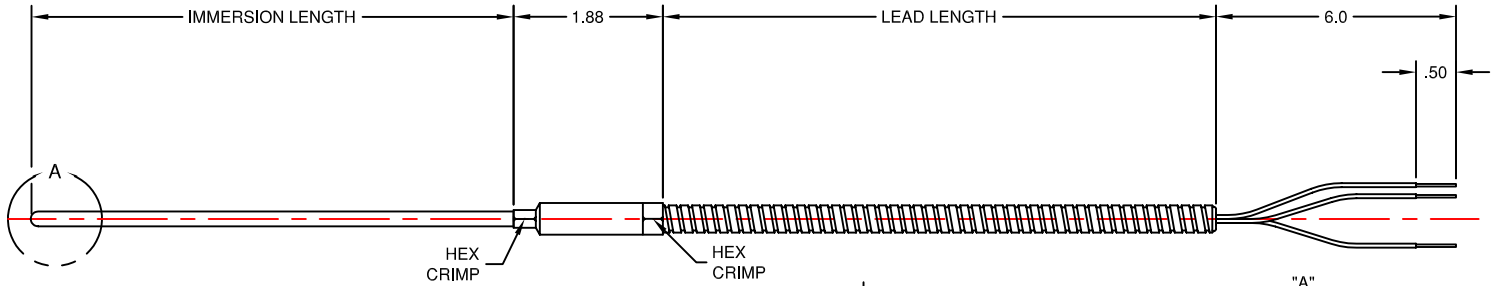


IMMERSION RTD'S

TEMPERATURE RANGE: -58°F to 500°F (-50°C to 260°C)



SPECIFICATIONS

RTD Element

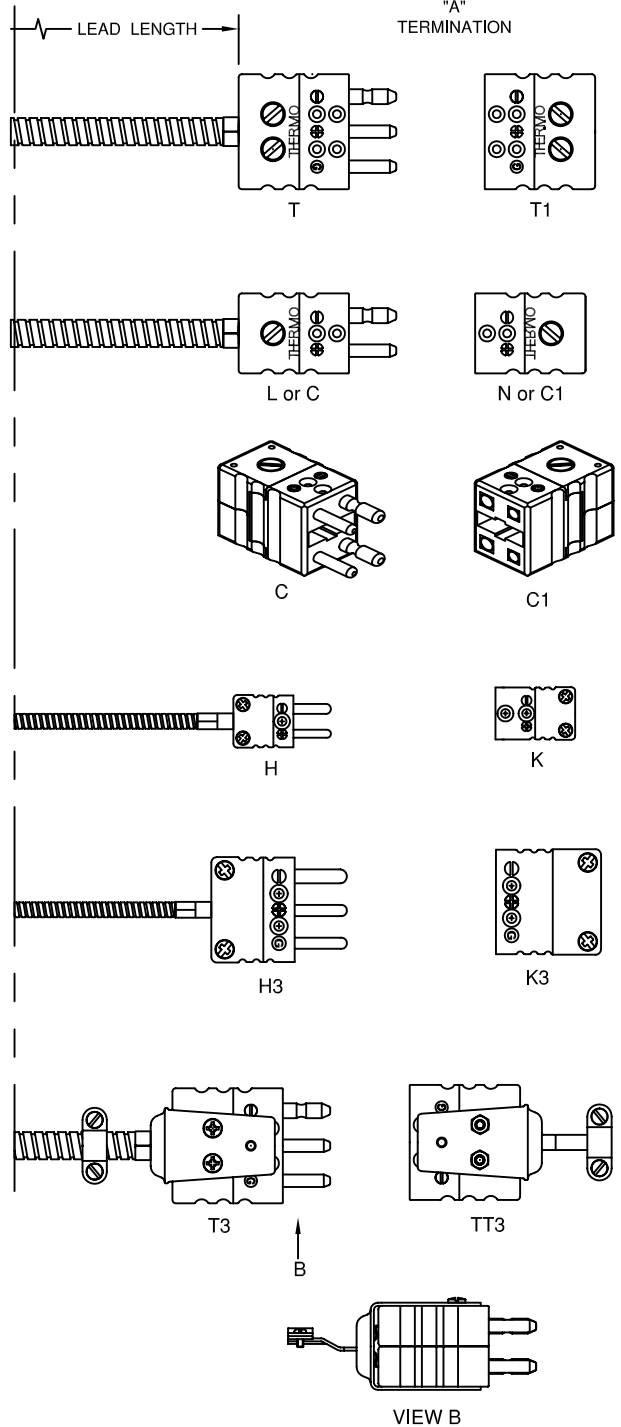
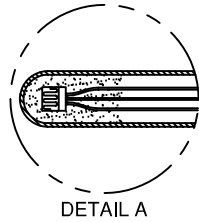
Type: Platinum, Thin Film
Resistance @ 0° C: 100 OHMS
Temperature Coefficient of Resistance: .00385
Sheath Material: 316 Stainless Steel

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)



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)
	CLASS B (LEAVE BLANK)
CLA	CLASS A

CODE	IMMERSION LENGTH
	IN INCHES (28" MAX. LENGTH)

CODE	LEAD LENGTH
	(IN INCHES)

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

*Single or Duplex

D - RTD - 14 - LT - 18 - 96 - 2 - C / C1 - CLA - 2W

CODE	STRUCTURE
D	SINGLE (LEAVE BLANK)
	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) 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 "LT"

IMMERSION RTD'S with ARMORED LEAD WIRE
SINGLE & DUPLEX CONSTRUCTION

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