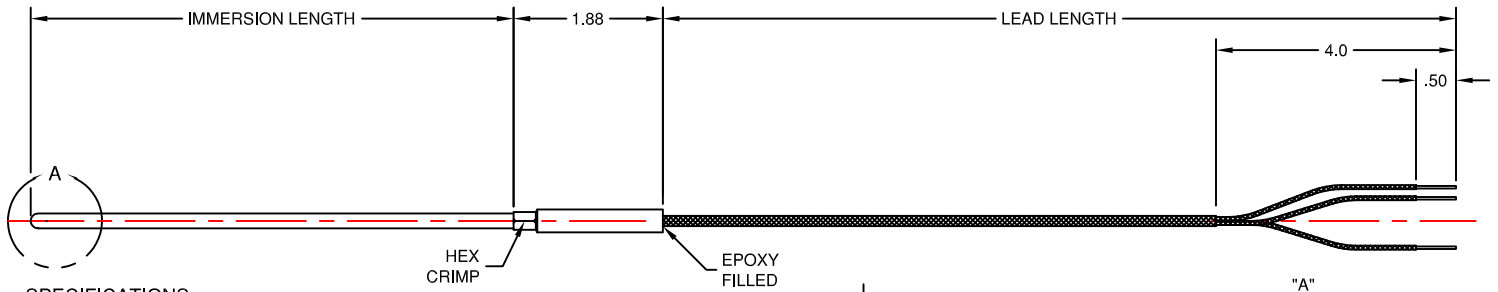


IMMERSION RTD'S

TEMPERATURE RANGE: -58°F to 752°F (-50°C to 400°C)



SPECIFICATIONS

RTD Element

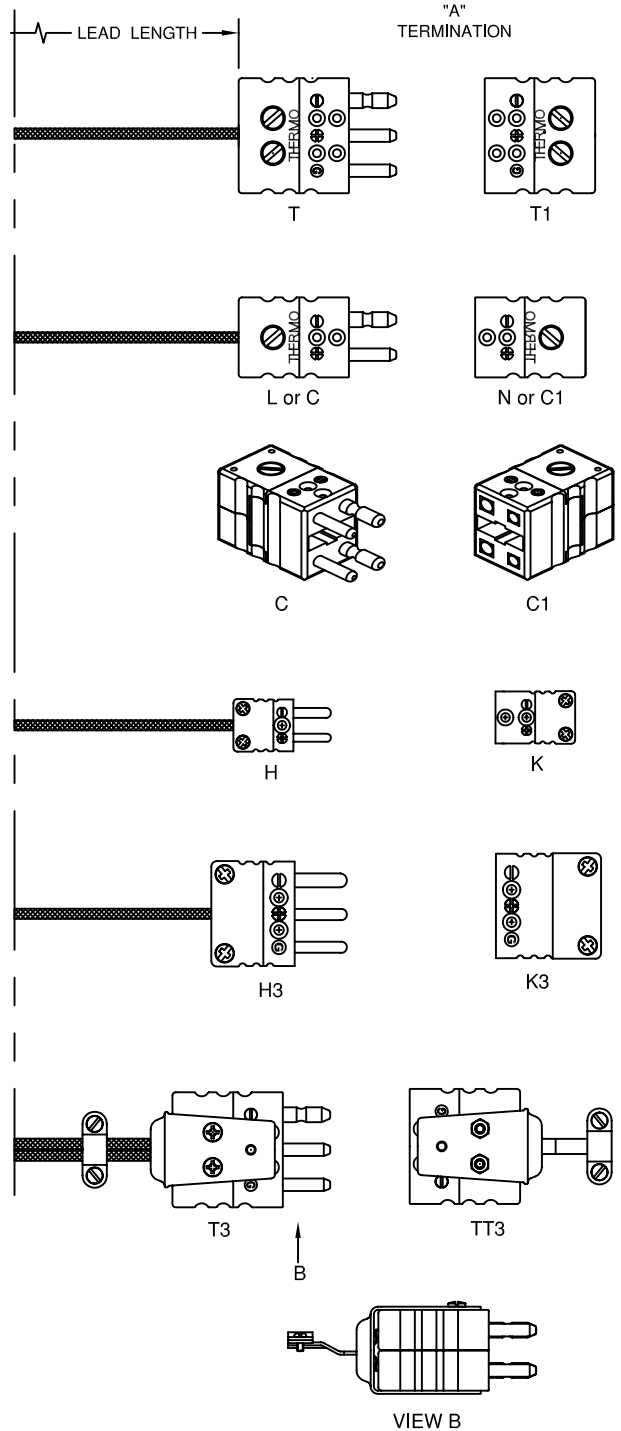
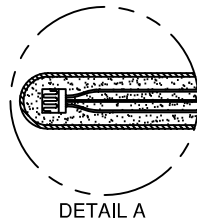
Type: Platinum, Thin Film
 Resistance @ 0° C: 100 OHMS
 Temperature Coefficient of Resistance: .00385
 Sheath Material: 316 Stainless Steel
 Insulation: Teflon(FEP)

Lead Wire

Conductor Size: 24 Gauge Stranded
 Conductor Material: Fiberglass

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 ONLY) |

*Single or Duplex

RTD - 14 - MT - 12 - 36 - 1 - A

| CODE | STRUCTURE |
|------|----------------------|
| | SINGLE (LEAVE BLANK) |
| D | DUPLEX |

| CODE | LEAD WIRE INSULATION |
|------|----------------------|
| 1 | FIBERGLASS |
| 5 | TEFLON |

| 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 (SEE NOTE 1) |
| H3 | MINIATURE 3 PIN PLUG (SEE NOTE 1) |
| 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 "MT"

IMMERSION RTD'S with LEAD WIRE
 SINGLE & DUPLEX CONSTRUCTION

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