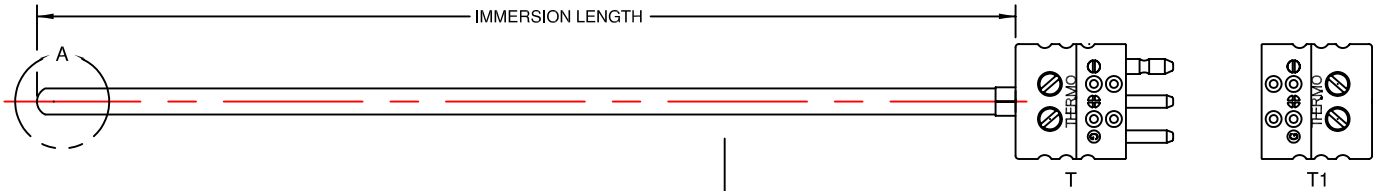


IMMERSION RTD'S

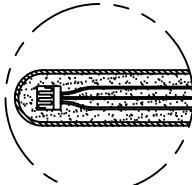
TEMPERATURE RANGE: -58°F to 752°F (-50°C to 400°C)



SPECIFICATIONS

RTD Element

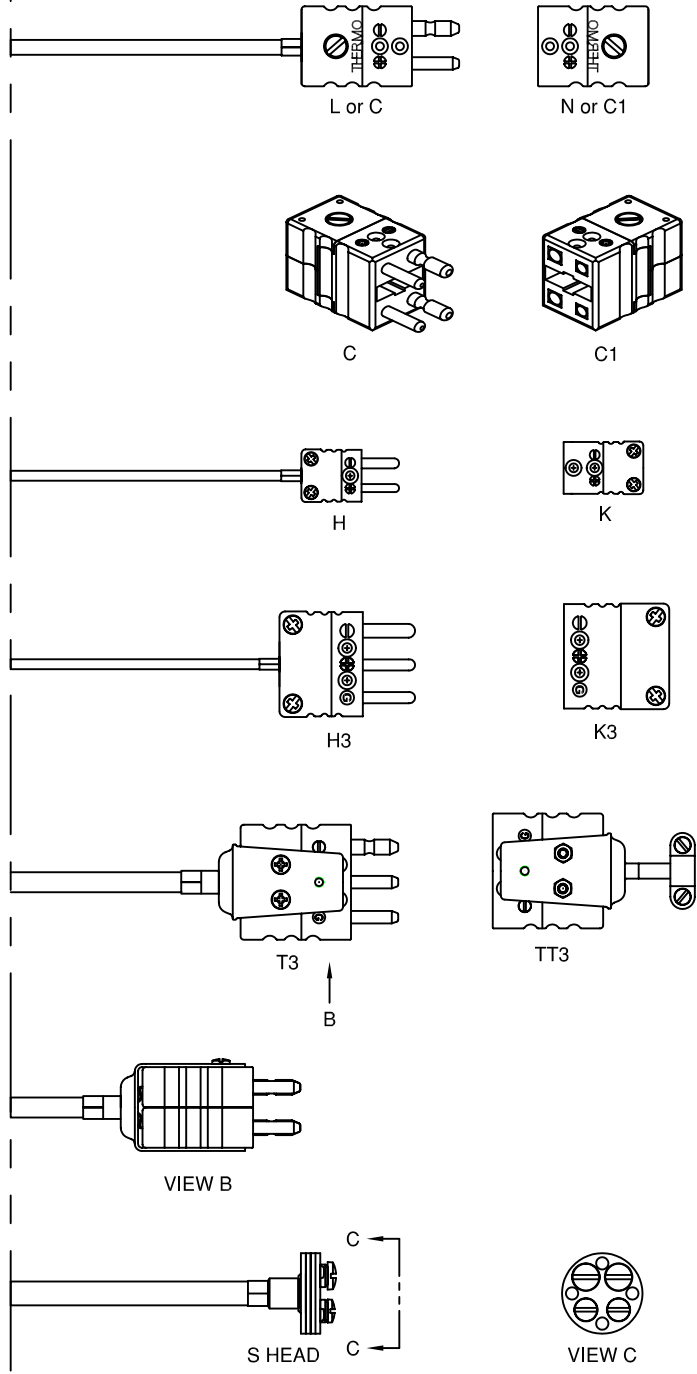
Type: Platinum, Thin Film
 Resistance @ 0° C: 100 OHMS
 Temperature Coefficient of Resistance: .00385
 Sheath Material: 316 Stainless Steel
 Insulation: Fiberglass



DETAIL A

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				CLA	CLASS B (LEAVE BLANK)
		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	SYSTEM
2W	2 WIRE (4 DUPLEX)
3W	3 WIRE (LEAVE BLANK) *
4W	4 WIRE (SINGLE ONLY)

*Single or Duplex

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

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

CODE	STRUCTURE
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 (4 WIRES MAX.)		WIRE ONLY

Notes:
 (1) Available in 1/8" diameters only.
 (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 CONNECTORS
 SINGLE & DUPLEX CONSTRUCTION

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