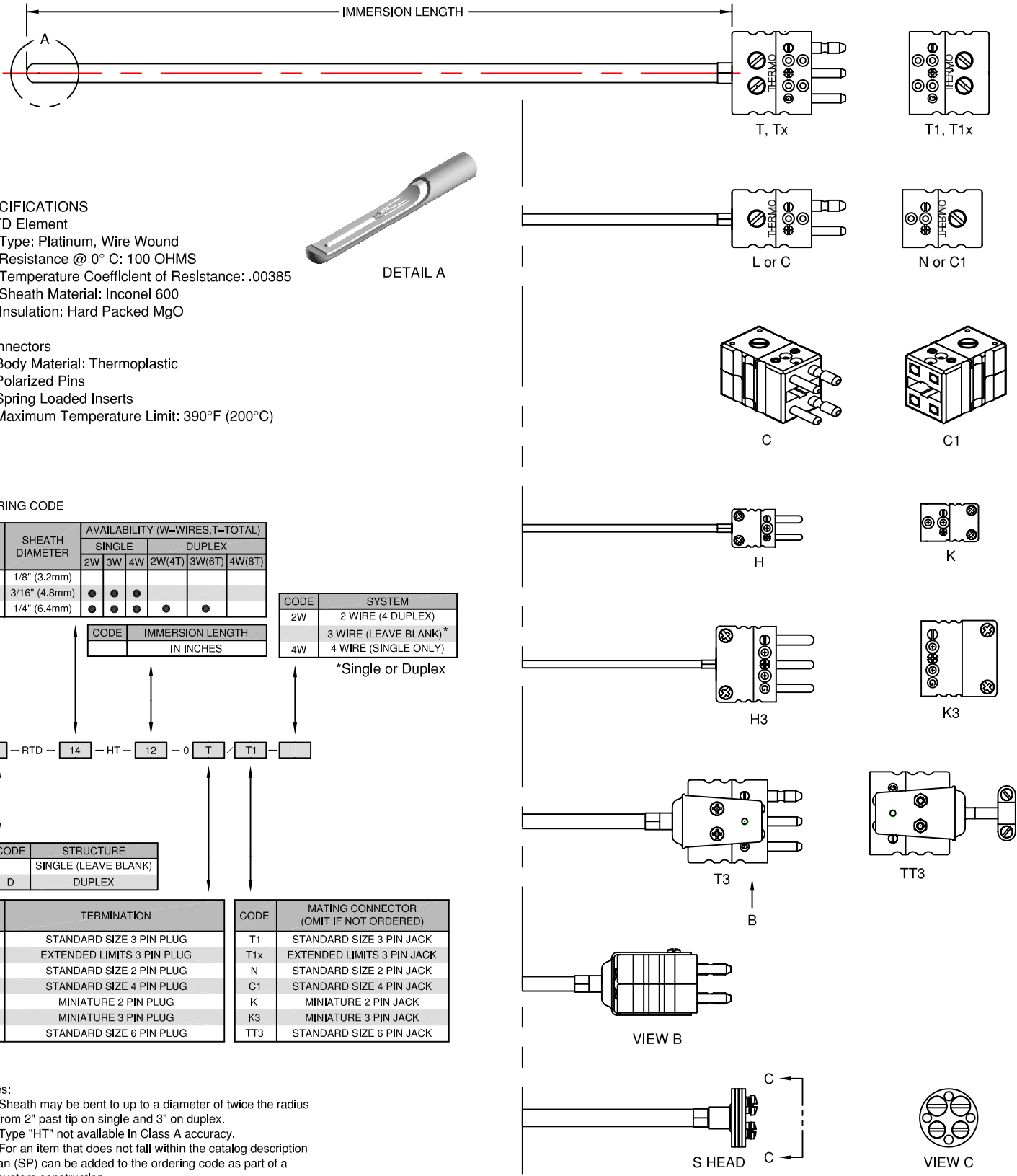


IMMERSION RTD'S

TEMPERATURE RANGE: -292°F to 1202°F (-180°C to 650°C)



SPECIFICATIONS

RTD Element

Type: Platinum, Wire Wound
 Resistance @ 0° C: 100 OHMS
 Temperature Coefficient of Resistance: .00385
 Sheath Material: Inconel 600
 Insulation: Hard Packed MgO



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

*Single or Duplex

CODE	IMMERSION LENGTH
	IN INCHES

RTD - 14 - HT - 12 - 0 T / T1

CODE	STRUCTURE
	SINGLE (LEAVE BLANK)
D	DUPLEX

CODE	TERMINATION
T	STANDARD SIZE 3 PIN PLUG
Tx	EXTENDED LIMITS 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
T1x	EXTENDED LIMITS 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) Sheath may be bent to up to a diameter of twice the radius from 2" past tip on single and 3" on duplex.
- (2) Type "HT" not available in Class A accuracy.
- (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 "HT"

IMMERSION RTD'S with CONNECTORS
 SINGLE & DUPLEX CONSTRUCTION

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