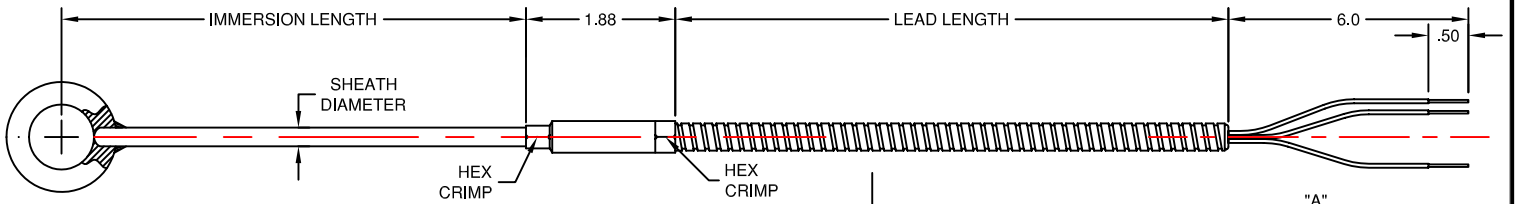


# SURFACE MOUNT THERMOCOUPLES & RTD'S



CODE	GASKET SIZE		
	BOLT SIZE	ID	OD
05	#6	.144"	3/8"
06	#8	3/16"	3/8"
07	#10	13/64"	5/8"
08	#12	7/32"	5/8"
10	1/4"	9/32"	5/8"
12	5/16"	11/32"	5/8"
14	3/8"	13/32"	13/16"
16	7/16"	15/32"	13/16"
18	1/2"	17/32"	13/16"
20	9/16"	19/32"	13/16"
22	5/8"	21/32"	1 3/8"
26	3/4"	13/16"	1 3/8"
30	7/8"	15/16"	1 3/8"
04	1"	1 1/16"	1 3/8"

CODE	TEMPERATURE RANGE
LT	LOW TEMP., -58 to 500° F (-50 to 260° C)
MT	MID. RANGE, -58 to 752° F (-50 to 400° C)
CE	BENDING*, -292° to 932° F (-180 to 500° C)

\*Bendable 2" from gasket.

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

\*On "LT's" and "MT's".

CODE	SHEATH DIAMETER		
	FRACTION	DECIMAL	METRIC
18	1/8"	.125	3.2mm
316	3/16"	.187	4.8mm
14	1/4"	.250	6.4mm

CODE	LEAD LENGTH
	(IN INCHES)

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

ORDERING CODE

D - GSRTD - 3/16 - 12 - MT - 18 - 96 - 2 - C / C1 - CLA - 2W

CODE	STRUCTURE
	SINGLE (LEAVE BLANK)
D	DUPLEX

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

Single or Duplex

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

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

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

CODE	STRUCTURE
	SINGLE (LEAVE BLANK)
D	DUPLEX

ORDERING CODE

D - RTDBY28755 - 36 - T / T1 - CLA -

## SPECIFICATIONS

RTD Element

Type: Platinum

Resistance @ 0° C: 100 OHMS

Temperature Coefficient to Resistance: .00385

Sheath Material: 316 Stainless Steel

Lead Wire

Conductor Size: 24 Gauge Stranded

Conductor Material: Nickel Plated Copper

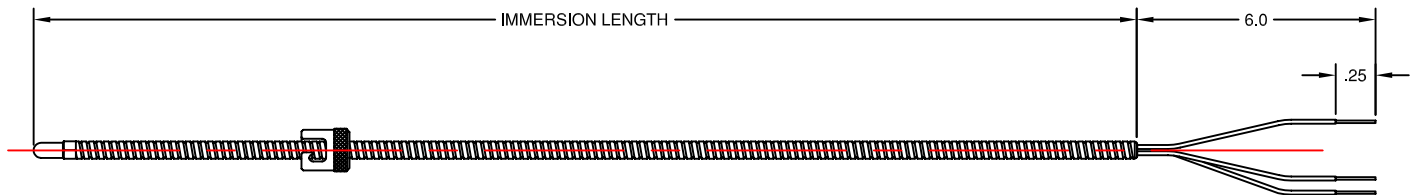
Insulation: Fiberglass

Armor: Stainless Steel, Flexible

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.

This variable depth RTD adjusts to any immersion length. The locking cap rotates on the ridges of the flexible Stainless Steel armor tubing. The probe remains in constant contact to the measured surface by the compression of the armor and a thin film bulb is used for improved tip sensitivity.



TEMPERATURE MEASUREMENT DESIGNER'S GUIDE  
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## SECTION SUTR

### GASKET & ADJUSTABLE IMMERSION RTD'S

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