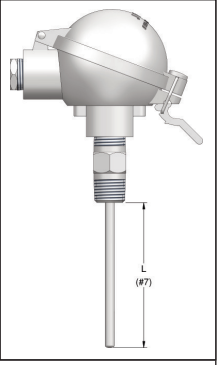
THERMISTORS

#1	SERIES
9	Thermistor

#2	BEAD
A	.06” O.D., 1/2” long glass rod thermistor
B	Ruggedized bead
X	Other, specify

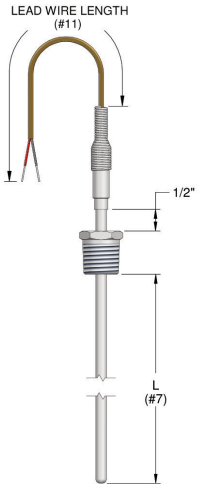


#3	RESISTANCE
X	Specify resistance at 25°C or resistance at desired temperature in description of probe.

#4	TOLERANCE
5	5%
10	10%
20	20%
30	30%

#5	OUTSIDE DIAMETER
B	1/4” (.250)
C	3/16” (.188)
D	1/8” (.125)
E	1/16” (.063)
X	Other, specify

For fixed fittings and types S, C, D, B & N (symbol #9) this length normally equals the “A” dimension if a thermowell is used. (See Section 5)



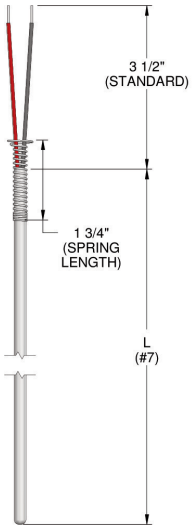
Immersion for Symbol #9-G Fixed fitting

#6	TUBING MATERIAL
H	304 Stainless Steel
J	310 Stainless Steel
K	316 Stainless Steel
L	Low carbon 316SS
M	Inconel 600
X	Other, specify

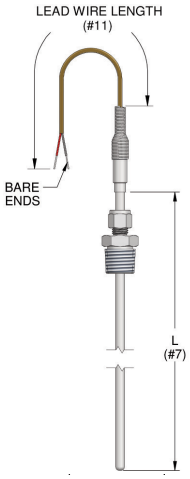
#7	LENGTH (L) (See sketches for lengths)
___”	Length in inches

#8	MAXIMUM TEMPERATURE AT WHICH TIP WILL BE EXPOSED
A	< 100°C (212°F) =2 PVC
B	> 150°C (300°F) =3 Teflon

#9	STANDARD INDUSTRIAL FITTINGS
W	Fixed NPT ss fitting - double threaded
S	Spring loaded NPT ss fitting -double threaded
C	Spring loaded NPT ss w/ oil ring - double threaded
D	Spring loaded ss fitting - single threaded
B	Bayonet spring loaded assembly for thermowells and heads
E	Adjustable spring over .250”, .188”, .125” sheath
F	Reverse mounted steel plug fixed to sheath for attaching head
G	Fixed stainless steel to sheath
H	Compression fitting ss w/ ss ferrule
I	Compression fitting ss w/ teflon ferrule
J	Compression fitting ss w/ lava ferrule
K	Compression fitting ss w/ nylon ferrule
X	Other, specify
Z	Not applicable (no fitting required)



Immersion for Symbol #9-E Spring



Immersion is overall length of tube for compression fittings

9	B	X	5	B	H	12”	A	W	

SECTION 9

#10	PROCESS NPT
L	1/8”
M	1/4”
P	1/2”
X	Other, specify

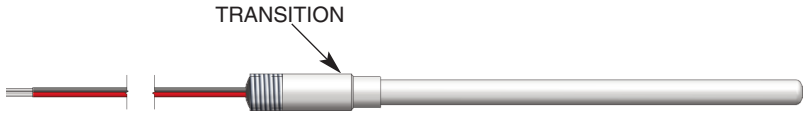
#11	LEAD WIRE TYPE & LENGTH IN INCHES [SEE SECTION 7]	TEMP. OF WIRE INSULATION MAX (°F)
Z	No lead wires	N/A
1__”	Glass braid	900
3__”	FEP Teflon	400
6__”	Glass braid / flexible armor overall	900
7__”	Teflon / flexible armor overall	400
8__”	Glass braid / stainless steel overbraid	900
9__”	Three conductor teflon with over all jacket of teflon	400
10__”	Three conductor teflon / stainless steel overbraid	400
X	Other, specify	

#12	TYPE OF TRANSITION
S	Size on size
T	3/8” OD (std)
R	1/4” OD
X	Other,specify
Z	No transition

#13	COLD END TERMINATION [SECT 6] CHOOSE AS MANY AS APPLICABLE
A	Bare ends
B	Miniature plug* (6A1B2)
C	Standard plug* (6A1C2)
I	Expolsion proof Nema 7 head (6I / 6B2)
K	Spade lugs (6SL)
L	Aluminum head w/ hinged cover (6LW / 6NTB)
M	Aluminum head w/ screw cover & chain (6N / 6G)
N	Cast iron head w/ screw cover & chain (6N / 6G)
O	Open ceramic terminal block (6N)
Q	Black nylon Nema 4 head (6Q / 6C)
R	High dome head (6R)
W	Microphone style connector (6DA4CS)
X	Other, specify

Note: For any other cold end terminations, use part numbers from section 6.

#14		TAGGING AND CALIBRATION OPTIONS (USE ONLY IF APPLICABLE) [INTRODUCTION]			
1	TAGGING	Stainless steel tag	5	CALIBRATION	Calibrate at specified point(s). Corrections data will be provided for each point.
2		Plastic tag			
3		Paper tag	6		Calibrate specified temperature range. Corrections data will be provided for all temperatures within the range. Note: You must specify increments & range. Ex. 0 to 300°F, 0.1° increments
4		Electroetch on probe Note: You must always specify information required on tag	7		CE Marking [PAGE XV]



Note: Individual thermistors without assemblies are available in various resistance values, and lead configurations. Contact JMS Southeast, Inc. for further information.

P	3-12”	T	L	1	