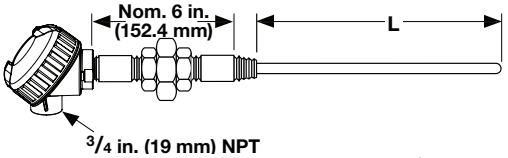
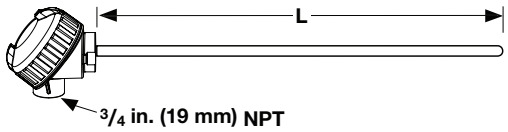
Mineral Insulated

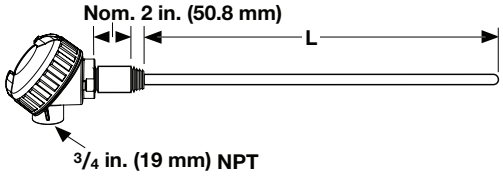
For Use With Thermowells
Style AT



Type 1 - 6 inch N-U-N typical (2 each ½ x 3 inch steel pipe nipples and 1 each malleable union)



Type 4 - Connection Head Only with ½ inch NPT process connection



Type 3 - ½ x 3 inch steel pipe nipple typical

Ordering Information

Part Number

①	②	③ Sheath O.D. (in.)	④ Connection Head	⑤ Cold End Config.	⑥	⑦ Sheath Material	⑧ ⑨ Sheath Length "L" (whole in.)	⑩ Sheath Length "L" (fract. in.)	⑪ Junction	⑫ Calibration	⑬	⑭ Spring-Loading	⑮
A	T	J			0						0		0

③ Sheath O.D. (in.)	
J =	0.250

④ Connection Head	
C =	Polypropylene (1/2 in. NPT thermocouple opening only)
D =	Small cast iron
E =	Small aluminum
H =	Explosion proof (1/2 in. NPT and 3/4 in. NPT thermocouple opening only)

⑤ Cold End Configuration	
1 =	Type 1, 6 in. nipple-union-nipple
3 =	Type 3, 3 in. nipple
4 =	Type 4, no extensions
Note: Steel nipple and unions are standard.	

⑦ Sheath Material	
A =	304/304L SS
F =	316/316L SS
Q =	Alloy 600 (Type K)

⑧ ⑨ Sheath Length "L" (whole in.)
Available lengths: 01 to 99, for lengths over 99 inches contact factory

Note: For a complete sensor, add thermowell part number to the 15-digit AT part number. For sheath length, use "AR" (as required) and the factory will determine correct length.

⑩ Sheath Length "L" (fractional in.)	
0 =	0
1 =	1/8
2 =	1/4
3 =	3/8
4 =	1/2
5 =	5/8
6 =	3/4
7 =	7/8

⑪ Junction		
	Grounded	**Ungrounded**
Single	G	U
Dual	H	W (isolated)

⑫ Calibration				
	E	**J**	**K**	**T**
Standard limits	E	J	K	T
Special limits	2	3	4	8

⑭ Spring-Loading	
Y =	Yes
N =	No