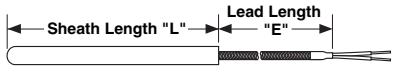
Thermocouples

High Vibration

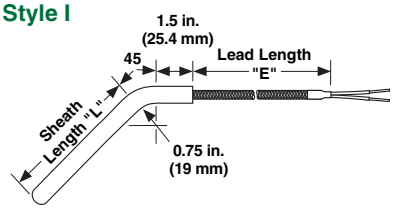
Styles H, I and J

Watlow's patented high vibration thermocouples are a totally new approach to producing vibration and moisture resistant temperature sensors. These qualities make them ideally suited for diesel and turbine exhaust gas temperature sensing, marine applications, laboratory furnaces and R & D test stands and chemical processing.
The patented continuous, homogenous thermoelement design, with high temperature compacted MgO insulation, ensures long life where severe vibration and shock are present at elevated temperatures.
Highly adaptable to confined areas, the vibration tolerant thermocouple's integrally mounted hermetic seal prevents moisture infiltration while "spliceless" construction eliminates calibration errors normally caused by non-uniformity in other construction styles.

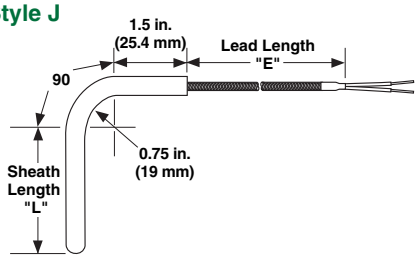
Style H



Style I



Style J



Custom Ordering Information—Items in **Bolded Green Type** are preferred with shorter lead times.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
C		J		0		Q			0		K			

2. Style
H = Straight J = 90° angle
I = 45° angle

3. Sheath O.D. (inch)
J = 0.250

4. Lead Wire Construction
M = Stranded conductor PFA insulation with stainless steel overbraid

5. Fittings
0 = None available

6. Terminations
For reference, see terminations chart on page 38.
A = Standard plug
B = Standard jack
C = Standard plug with mating connector
T = Standard—1 ½ inch split leads

7. Sheath Material
Q = Alloy 600

8-9. Sheath Length "L" (inch)
Whole inches: 02 to 10

10. Sheath Length "L"
0 = 0

11. Junction

	Ungrounded	Grounded
Single	U	G

12. Calibration
Standard limits K

13-14. Lead Wire Length "E" (feet)
Whole feet: 01 to 05 (01 foot standard)

15. Special Requirements
0 = None
X = Special requirements, consult factory