FSTC02- FerroSafe Thermocouple with Connector and Lead Wire

FSTC02- Our FerroSafe series thermocouples are designed to meet extensive requirements of ferrous and Non ferrous molten metal industry.These thermocouples comes with heavy duty metal sheath coated with our internally developed coating with non wetting properties. Thermocouples are manufacture using Type K and N thermocouple wire and meets the class 2 and class 1 accuracy requirements.

Key Feature:

- Heavy metal sheath with Ceramic Coating for longer thermocouple life in moletn Metal
- Exhibits faster response time with thermal conductive coating makes it ideal for process control applications.
- Mostly available with multiple thermocouple calibrations like type K ,N.
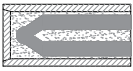- Reduced Tip for Quick response.

Response Time : < 8 Sec
Maximum Temperature : 900°C (1600°F)
Temperature Accuracy As per
ASTM E608/608M/ IEC 60584 & ANSI MC 96.1 standard tolerances
±2.2°C or 0.75% of Reading whichever is greater

Thermocouple Junction options for FSTC02

Ungrounded Junction: Junction is similar to grounded junction except wire are fuse welded, which is then insulated with Mgo powder and formed cap by welding without incorporating thermocouple wires. Thus, the junction is called the ungrounded junction.

Key Benefits :
· Wires are protected from any mechanical damage
· Offers rugged construction, the same as the grounded junction.
· Strain due to differential expansion between wire and sheath is minimized with insulated wires.

	1	2	3	4	5	6
FSTC 02						

FSTC02-K-12I-0-0-STP-01

1. CALIBRATION

CODE	
K	Chromel(+) vs Alumel(-)
N	Nicrosil(+) vs Nisil(-)

2. TIP LENGTH "I"

IMPERIAL SIZE	METRIC SIZE
8	203
12	304
15	381
18	457
20	508
24	610
30	762
Other Length available on request	
TIP length - use "I" for inches and "M" for millimetre	

3. LEAD LENGTH (L)

0	No Lead Wire
Lead length - use "I" for inches and "M" for millimeter	

4. WIRE TYPE

CODE	
0	No Lead Wire
3X	Fiber Glass with SS Overbraid (510° C)
4X	High Temp Glass with SS Overbraid (704°C)

5. CODES FOR TERMINATION

CODE	
Z	Bare ends (1"Stripped leads)
STP	Standard Plug
MP	Miniature Plug
STJ	Standard Jack
MJ	Miniature Jack

6. OPTIONAL ACCESSORY

CODE	
	Leave blank if not required
01	Wire clamp
Only choose when ordering with connector	

6.0"

Lead Wire

"L"

"I"

CERAMIC COATED SHEATH

½"

½" Std.

"I"
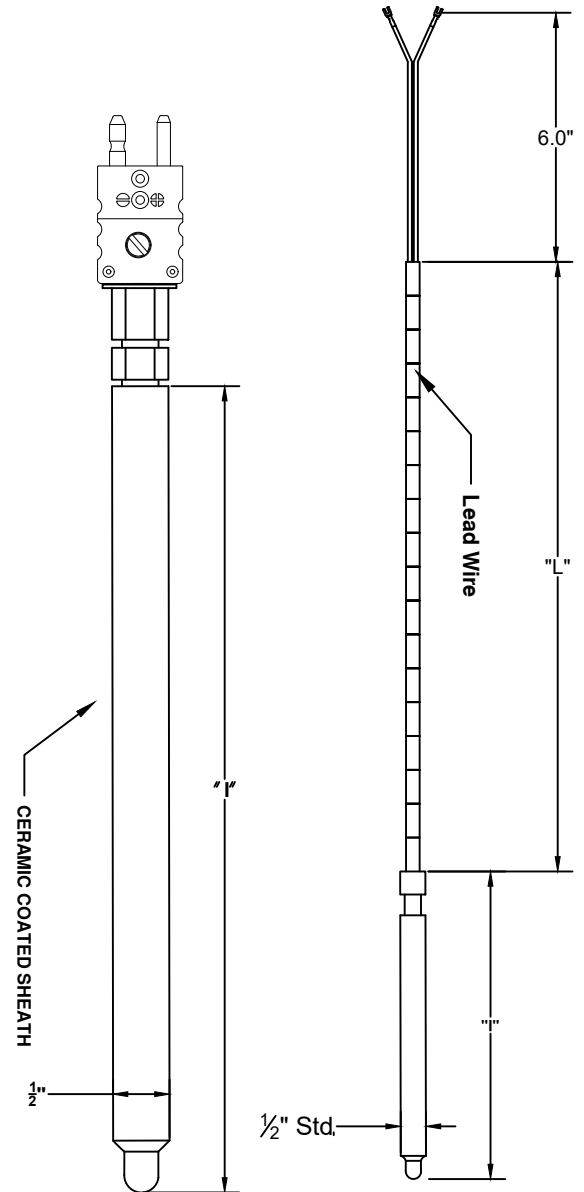
With Connector   **With Lead Wire**