

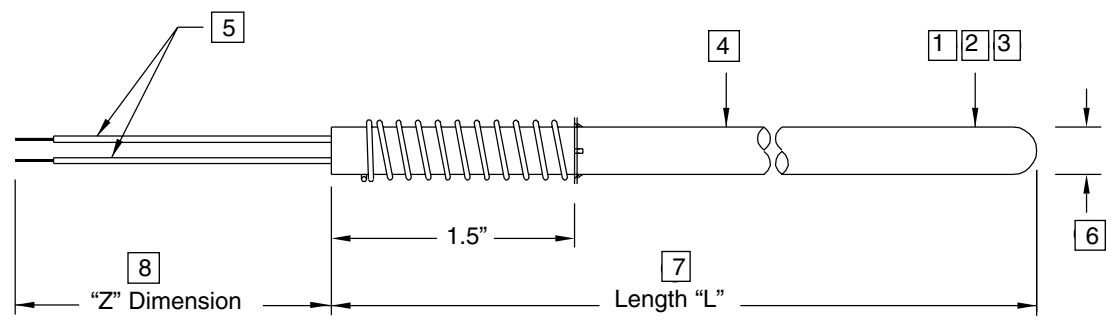
Model 302 (Legacy)

Spring Loaded Thermocouple for use with General Purpose Housing

Designed for applications where a Legacy Weed Instrument Type 1 or 2 General Purpose Head is required. The spring loading action of this thermowell ensures proper contact with the tip of the thermowell for maximum heat transfer.



- Refer to Model 301 for explosion-proof connection head applications.
- Refer to Model 305 if spring-loaded hex fitting is required.



Specifications:

1. Base Model	Base Model/Series Number.
2. A. Accuracy: B. Type: C. Response Time: D. Tip Sensitivity:	ANSI Special Limits of Error is standard. See Thermocouple General Specifications. Application dependent. See Thermocouple General Specifications. Dependent on sheath diameter and measuring junction. See Thermocouple General Specifications. Thermocouples are inherently tip sensitive.
3. Grounded: Ungrounded:	At the tip, thermocouple wires are attached to inside of probe wall, resulting in quicker response time. At the tip, thermocouple wires are insulated from the inside of probe wall, results are a slower response time with increased isolation.
4. Construction:	Code A - 316SS tube construction, teflon insulated lead wire. Code C - 316SS MgO construction, fiberglass insulated lead wire. Code B - Inconel sheathed MgO construction, fiberglass insulated lead wire.
5. Lead Wires:	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Single</p> </div> <div style="text-align: center;"> <p>Dual</p> </div> </div>
6. Sheath Diameter:	.250" (1/4") is industry standard.
7. Sheath Length:	Entire stem length. See Thermocouple General Specifications.
8. Lead Wire Length:	Length of wires beyond the sheath.

Model	Description		
302	Spring-Loaded Thermocouple (for use with Weed Legacy Type 1 or 2 General Purpose Head)		
1	Code	Thermocouple Type	Range
	J	Type J Thermocouple	32 to 1400°F 0 to 760°C
	K	Type K Thermocouple	-328 to 2300°F -200 to 1260°C
	T	Type T Thermocouple	-328 to 700°F -200 to 371°C
	E	Type E Thermocouple	-328 to 1600°F -200 to 871°C
	R	Type R Thermocouple	32 to 2700°F 0 to 1482°C
	S	Type S Thermocouple	32 to 2700°F 0 to 1482°C
	B	Type B Thermocouple	32 to 3100°F 0 to 1704°C
	N	Type N Thermocouple	-454 to 2372°F -270 to 1300°C
	Add "MT" for matched to transmitter. See Thermocouple General Specifications.		
2	Code	Junction Type	
	G	Grounded	
3	Code	Temperature Range	
	A	500° F Maximum	
	C	1600° F Maximum	
4	Code	Number of Lead Wires	
	2	Single Thermocouple	
5	Code	Sheath Diameter	
	C	.250" Diameter	
	D	.215" Diameter	
6	Code	Sheath Length	
	XXX.X	Specify length to nearest 0.1"	
7	Code	Lead Wire Length	
	Z003	3" - Standard with head	
	Z024	24" - Standard without head	
8	Code	Lead Wire Length	
	ZXXX	Other - consult factory	

302	-	J	-	G	-	C	-	2	-	C	-	012.0	-	Z003
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Sample Model Number
Your Model Number

