

Bimetal Thermometers

- External Reset Feature for Field Recalibration (3" & 5")
- 9 Dual Scale Ranges to 1,000°F (525°C)
- Hermetically Sealed Case Design
- 3" and 5" Dials
- Stem Lengths to 24"
- 1% Full Scale Accuracy



Marsh Instruments Bimetal Thermometers combine the benefits of economy and reliability for local mounted temperature indication in the dual scale ranges from -50° to 1,000°F (-40° to 525°C). Additional advantages offered by the Series "L" Bimetal Thermometers include an easy-to-read dual scale, fast speed of response, and accurate temperature indication. The hermetically sealed and ruggedly built case is resistant to shock, vibration, dust and moisture. Corrosion resistance to most chemicals is provided by the all welded type 304 Stainless Steel construction. The extremely responsive bimetal sensing element provides an accuracy to within $\pm 1\%$ of scale. An external adjustment screw on the back of the 3" and 5" case provides convenient reset and field recalibration. Built-in over range protection is a standard feature.

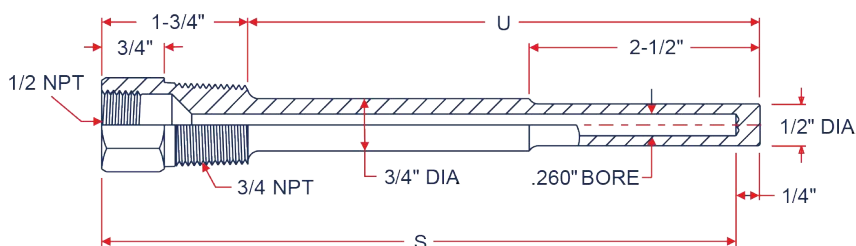
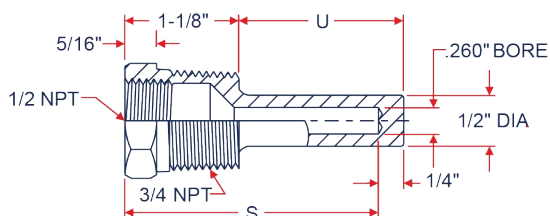
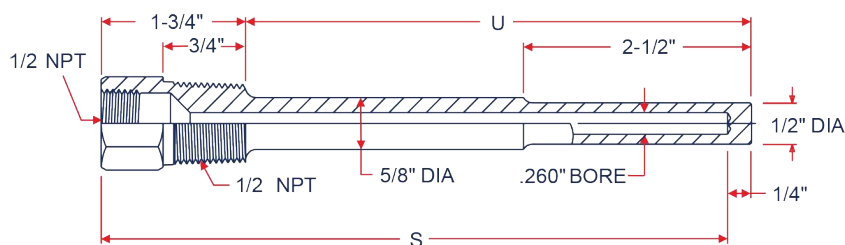
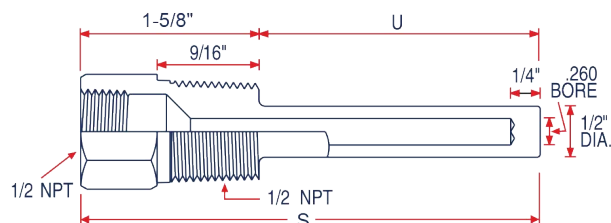
Typical applications include process, offshore, power, chemical industries, HVAC and OEM applications.

Specifications

Accuracy	$\pm 1\%$ of span throughout entire range for 2" immersion in liquids, 4" in gases							
Case Material	304 Stainless Steel							
Stem	304 Stainless Steel, 1/4" diameter							
Dials	Dual scale in degrees Fahrenheit and Celsius							
Window	Glass, hermetically sealed							
Size	3"							
Connection (NPT)	1/2 NPT							
Mounting	CB	CB	CB	CB	CB	CB	CB	CB
Stem Length	2-1/2"	4"	6"	9"	12"	15"	18"	24"
-50° to 120°F/-40° to 50°C	L31101	L31201	L31301	L31401	L31501	L31601	L31701	L31801
-40° to 160°F/-40° to 70°C	L31102	L31202	L31302	L31402	L31502	L31602	L31702	L31802
0° to 200°F/20° to 90°C	L31104	L31204	L31304	L31404	L31504	L31604	L31704	L31804
0° to 250°F/20° to 120°C	L31105	L31205	L31305	L31405	L31505	L31605	L31705	L31805
50° to 300°F/10° to 150°C	L31106	L31206	L31306	L31406	L31506	L31606	L31706	L31806
50° to 400°F/10° to 200°C	L31107	L31207	L31307	L31407	L31507	L31607	L31707	L31807
50° to 550°F/10° to 300°C	L31108	L31208	L31308	L31408	L31508	L31608	L31708	L31808
150° to 750°F/70° to 400°C	L31110	L31210	L31310	L31410	L31510	L31610	L31710	L31810
200° to 1000°F/100° to 525°C	L31111	L31211	L31311	L31411	L31511	L31611	L31711	L31811
Size	5"							
Connection (NPT)	1/2 NPT							
Mounting	CB	CB	CB	CB	CB	CB	CB	CB
Stem Length	2-1/2"	4"	6"	9"	12"	15"	18"	24"
-50° to 120°F/-40° to 50°C	L51101	L51201	L51301	L51401	L51501	L51601	L51701	L51801
-40° to 160°F/-40° to 70°C	L51102	L51202	L51302	L51402	L51502	L51602	L51702	L51802
0° to 200°F/20° to 90°C	L51104	L51204	L51304	L51404	L51504	L51604	L51704	L51804
0° to 250°F/20° to 120°C	L51105	L51205	L51305	L51405	L51505	L51605	L51705	L51805
50° to 300°F/ 10° to 150°C	L51106	L51206	L51306	L51406	L51506	L51606	L51706	L51806
50° to 400°F/ 10° to 200°C	L51107	L51207	L51307	L51407	L51507	L51607	L51707	L51807
50° to 550°F/ 10° to 300°C	L51108	L51208	L51308	L51408	L51508	L51608	L51708	L51808
150° to 750°F/ 70° to 400°C	L51110	L51210	L51310	L51410	L51510	L51610	L51710	L51810
200° to 1000°F/ 100° to 525°C	L51111	L51211	L51311	L51411	L51511	L51611	L51711	L51811

Thermowells

- Brass, 304 Stainless Steel or 316 Stainless Steel
- Tapered or Straight Shank
- 0.260 and 0.385 Standard Bore Sizes
- Threaded for easy connection



Part Number	"S" Stem	"U" Insertion	Well Material
M3957K67	2-1/2	1-1/8	Brass
M3957K68	2-1/2	1-1/8	304SS
M3957K69	2-1/2	1-1/8	316SS
M3957K64	4	2-1/2	Brass
M3957K65	4	2-1/2	304SS
M3957K66	4	2-1/2	316SS
M3957K37	6	4-1/2	Brass
M3957K38	6	4-1/2	304SS
M3957K51	6	4-1/2	316SS
M3957K39	9	7-1/2	Brass
M3957K41	9	7-1/2	304SS
M3957K52	9	7-1/2	316SS
M3957K77	2-1/2	1-5/8	Brass
M3957K78	2-1/2	1-5/8	304SS
M3957K79	2-1/2	1-5/8	316SS
M3957K11	4	2-1/2	Brass
M3957K21	4	2-1/2	304SS
M3957K54	4	2-1/2	316SS
M3957K12	6	4-1/2	Brass
M3957K22	6	4-1/2	304SS
M3957K55	6	4-1/2	316SS
M3957K13	9	7-1/2	Brass
M3957K23	9	7-1/2	304SS
M3957K56	9	7-1/2	316SS

BelGAS
A DIVISION OF MARSH BELLOFRAM

CCI

CENTRAL CALIFORNIA INSTRUMENTS

4300 Stine Road, Suite 203, Bakersfield, CA 93313-2352

Phone (661) 398-2105 Fax (661) 832-6454

e-mail: tom@cencalinst.com website: www.cencalinst.com