

Series 260L

Standard Threaded Well for 1/4" Diameter Elements



Application:

Standard length, 1/4" stem, bimetal thermometers; #20-gage thermocouple elements; unarmored liquid-in-glass test thermometers. Other temperature-sensing elements having 0.252" maximum diameter.

Connection Size:

1/2, 3/4 and 1 NPT are standard. Other thread sizes are available upon request.

Materials:

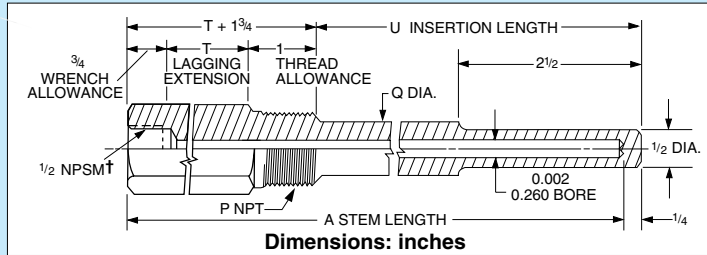
Brass (ASTM B-16), Carbon Steel (C-1018), Stainless Steel A.I.S.I. 304 & A.I.S.I. 316, Monel®. Wells are also available in special materials; prices on request.

Cap and Chain Options:

For Brass cap, add suffix "-CC-Brass" to the end of the model number when ordering for additional cost.

For 304 SS cap, add suffix "-CC" to the end of the model number for additional cost.

Series 260L—Lagging Extension Type



† NPSM internal pipe thread will accept both NPT and NPS male threads.

Metric Models Available! Visit omega.com

To Order Visit omega.com/series_260l for Pricing and Details

Ext Thread P	Model Number	Stem Length A	Insert Length U	Lag Ext T	Shank Dia. Q
1/2 NPT	1/2-260L-U21/2-(*)	6	2 1/2	2	—
	1/2-260L-U41/2-(*)	9	4 1/2	3	5/8
	1/2-260L-U71/2-(*)	12	7 1/2	3	5/8
	1/2-260L-U101/2-(*)	15	10 1/2	3	5/8
	1/2-260L-U131/2-(*)	18	13 1/2	3	5/8
	1/2-260L-U191/2-(*)	24	19 1/2	3	5/8
3/4 NPT	3/4-260L-U21/2-(*)	6	2 1/2	2	—
	3/4-260L-U41/2-(*)	9	4 1/2	3	3/4
	3/4-260L-U71/2-(*)	12	7 1/2	3	3/4
	3/4-260L-U101/2-(*)	15	10 1/2	3	3/4
	3/4-260L-U131/2-(*)	18	13 1/2	3	3/4
	3/4-260L-U191/2-(*)	24	19 1/2	3	3/4
1 NPT	1-260L-U21/2-(*)	6	2 1/2	2	—
	1-260L-U41/2-(*)	9	4 1/2	3	7/8
	1-260L-U71/2-(*)	12	7 1/2	3	7/8
	1-260L-U101/2-(*)	15	10 1/2	3	7/8
	1-260L-U131/2-(*)	18	13 1/2	3	7/8
	1-260L-U191/2-(*)	24	19 1/2	3	7/8

* Specify material type "304SS" for 304 stainless steel, "316SS" for 316 stainless steel, "CS" for carbon steel or "BRASS" for brass. PFA coating available.

Ordering Example: 3/4-260L-U71/2-304SS, 304 stainless steel thermowell with 3/4 NPT external thread, 0.260" internal Dia., 3" lagging extension, 7 1/2" insertion length and a 12" stem length.

For Assistance in Choosing Head and Well Assemblies, visit omega.com/head_and_well

Maximum Fluid Velocity—Feet Per Second

Well Type	Material	Insertion Length – "U"							
		2 1/2	4 1/2	7 1/2	10 1/2	13 1/2	16 1/2	19 1/2	22 1/2
1/2" - 260S and 1/2" - 260L	Brass	207 (59.3)	75.5 (32.2)	27.3 (19.7)	13.9	8.4	5.6	4.1	3.0
	Carbon steel	290 (106)	105 (59)	38.2 (36.3)	19.4	11.8	7.8	5.7	4.2
	A.I.S.I. 304 and 316	300 (148)	109 (82.2)	39.5	20.1	12.2	8.1	5.9	4.4
	Monel	261 (118)	95 (65.5)	34.4	17.5	10.5	7.1	5.2	3.8
3/4" - 260S and 3/4" - 260L	Brass	207 (59.3)	89.1 (39.8)	32.2 (23.9)	16.4	9.9	6.6	4.8	3.6
	Carbon steel	290 (106)	123 (71.2)	44.9 (42.7)	22.8	13.8	9.3	6.7	4.9
	A.I.S.I. 304 and 316	300 (148)	128 (99.3)	46.4	23.6	14.3	9.6	6.9	5.1
	Monel	261 (118)	112 (79.8)	40.6	20.7	12.4	8.3	6.1	4.5
1" - 260S and 1" - 260L	Brass	207 (59.3)	102 (47.6)	37.0 (28)	18.8	11.4	7.6	5.5	4.1
	Carbon steel	290 (106)	143 (84.3)	51.6 (50.6)	26.2	15.9	10.6	7.6	5.7
	A.I.S.I. 304 and 316	300 (148)	148 (117)	53.5	27.2	16.5	11.0	7.9	5.9
	Monel	261 (118)	128 (93.3)	46.7	23.7	14.4	9.5	6.9	5.1

Where single values appear in the velocity tables, these may be considered safe for water, steam, air or gas. In the shorter insertion lengths, consideration is given to the velocity pressure effect of water flowing at higher velocities. The values in parentheses, therefore, represent safe values for water flow, while the unbracketed values may be used for steam, air, gas and similar density fluids.



Shown close to actual size.

Visit omega.com for pressure-temperature ratings.