Series 260HL Heavy-Duty Threaded Well for ¼" Diameter Elements

MADE IN USA

Application:
Standard length, ¼" bimetal thermometers. #20-gage thermocouple elements. Unarmored liquid-in-glass test thermometers. Other temperature-sensing elements having 0.252" maximum diameter.

Connection Size:
¾ and 1 NPT are standard. Other thread sizes are available upon request.

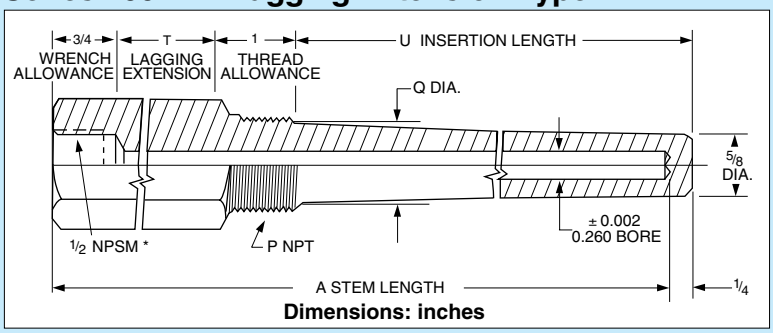
Materials:
Brass (ASTM B-16), Carbon Steel (C-1018), Stainless Steel A.I.S.I. 304 & A.I.S.I. 316, Monel®. Wells are also available in special materials; prices on request.

Cap and Chain Options:
For Brass cap, add additional cost to price and suffix "**-CC-Brass**" to the end of the model number when you place your order. For 304SS cap, add additional cost to price and add suffix "**-CC**" to the end of the model number.

Shown close to actual size.

Visit omega.com for Pressure-Temperature Ratings.

Series 260HL—Lagging Extension Type



Dimensions: inches

Metric Models Available! Visit omega.com

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

To Order *Visit omega.com/series_260hl for Pricing and Details*

Ext Thread P	Model Number	Lag Ext. T	Stem Lgth A	Insert Lgth U	Shank Dia. Q
3/4 NPT	3/4-260HL-U21/2-(*)	2	6	2½	—
	3/4-260HL-U41/2-(*)	3	9	4½	⅞
	3/4-260HL-U71/2-(*)	3	12	7½	⅞
	3/4-260HL-U101/2-(*)	3	15	10½	⅞
	3/4-260HL-U131/2-(*)	3	18	13½	⅞
	3/4-260HL -U191/2-(*)	3	24	19½	⅞
1 NPT	1-260HL-U21/2-(*)	2	6	2½	—
	1-260HL-U41/2-(*)	3	9	4½	11/16
	1-260HL-U71/2-(*)	3	12	7½	11/16
	1-260HL-U101/2-(*)	3	15	10½	11/16
	1-260HL-U131/2-(*)	3	18	13½	11/16
	1-260HL-U191/2-(*)	3	24	19½	11/16

***** *Specify material type "**304SS**" for 304 Stainless Steel, "**316SS**" for 316 Stainless Steel, "**CS**" for Carbon Steel or "**BRASS**" for brass. PFA coating available, visit omega.com.*

***Ordering Example: 3/4-260HL-U71/2-304SS**, 304 stainless steel thermowell with ¾ NPT external thread, 0.260" internal diameter, 3" Lagging Extension, 7½" insertion length and a 12" stem length.*

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

Maximum Fluid Velocity—feet per second

See Introduction to Thermowells, Section on Velocity at omega.com.

Well Type	Material	Insertion Length – "U" 2½	4½	7½	10½	13½	16½	19½	22½
¾" - 260H and ¾" - 260HL	Brass	305 (97.5)	93.8 (54.1)	33.9	17.1	10.5	7.0	5.0	3.7
	Carbon Steel	386 (175)	180 (97.2)	65.3 (58.3)	33.0	20.1	13.4	9.6	7.1
	A.I.S.I. 304 & 316	440 (243)	197 (135)	71.2	36.0	22.0	14.7	0.5	7.8
	Monel	354 (195)	155 (108)	56.1	28.4	17.3	11.6	7.5	5.6
1"- 260H and 1"- 260HL	Brass	354 (161)	108 (89.5)	39.4	19.8	12.2	8.1	5.8	4.3
	Carbon Steel	448 (289)	209 (161)	75.7	38.4	23.3	15.5	11.1	8.2
	A.I.S.I. 304 & 316	490 (403)	228 (225)	82.5	41.8	25.5	17.1	12.2	9.1
	Monel	410 (322)	179 (178)	65.1	33.0	20.1	13.5	8.7	6.5

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.