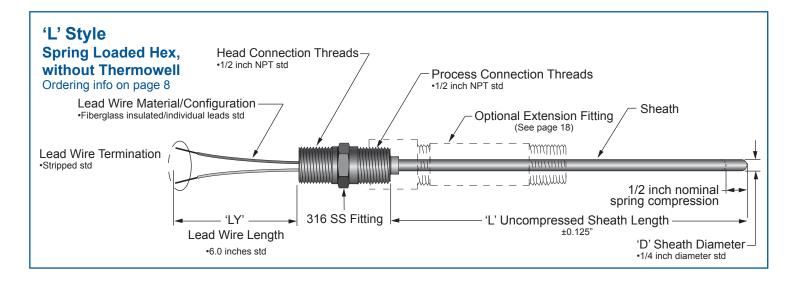
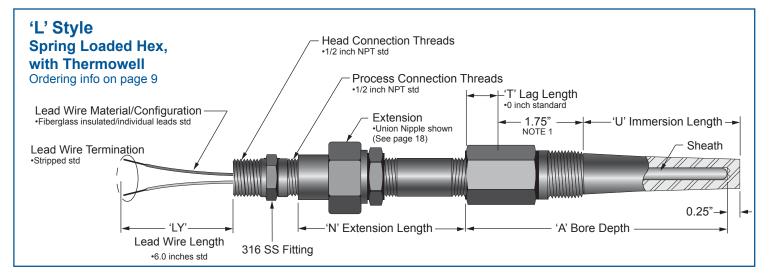
'L' Style Spring Loaded Hex Fitting Sensors





'L' Style Application

Adaptable to a variety of connection heads or direct to conduit. Union connection allows for easy removal for calibration without disconnecting the leads.

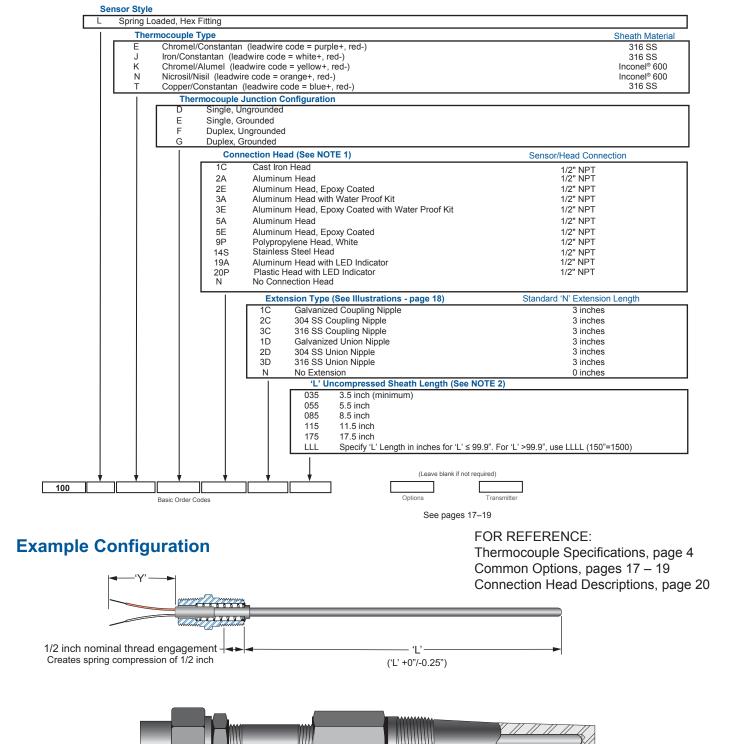
Length Code Definitions and Equations for 'L' Style Assemblies				
Length Codes	For Threaded & Socket Wells	For Flanged Wells		
'L' Uncompressed Sheath Length 'U' Immersion Length 'N' Extension Length 'A' Well Bore Depth 'T' Well Lag Length	L = N + A L = N + U + T + 1.5 A = U + T + 1.5	L = N + A L = N + U + T + 2 A = U + T + 2		

NOTE 1: 1.75 inch length is used on threaded and socket weld thermowells. A 2.25 inch length is used with flanged wells.



'L' Style Spring Loaded Hex Fitting Sensors without Thermowell

Ordering Information



NOTE 1: See our Connection Head Supplement for all available connection heads and full details.

NOTE 2: For sensor sheath lengths 'L' greater than 200 inches, contact Burns Customer Service.

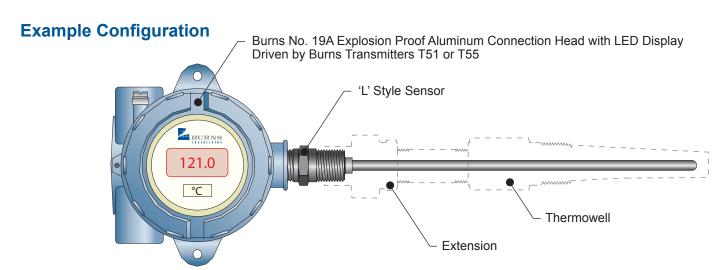
Thermowell Assembly Bore Depth (Equal to Sensor Length 'L')

0.25"-

'L' Style Spring Loaded Hex Fitting Sensors with Thermowell

Ordering Information (1 of 2)

_ <u>L</u>	Spring Loaded, Hex			
	Thermocouple			Sheath Materia
			e code = purple+, red-)	316 SS
		nstantan (leadwire cod	316 SS	
		I/Alumel (leadwire cod	Inconel® 600	
		Nisil (leadwire code =	Inconel® 600	
	T Copper/0	Constantan (leadwire	code = blue+, red-)	316 SS
	I The	ermocouple Junction	Configuration	
	D	Single, Ungrounder	d	
	E	Single, Grounded		
	l l F	Duplex, Ungrounde	d	
	l G	Duplex, Grounded		
		Connection H	ead (See NOTE 1)	Sensor/Head Connection
		1C Cast Iro	on Head	1/2" NPT
		2A Alumin	um Head	1/2" NPT
		2E Alumin	um Head, Epoxy Coated	1/2" NPT
			um Head with Water Proof Kit	1/2" NPT
			um Head, Epoxy Coated with Water Proof Kit	1/2" NPT
			um Head	1/2" NPT
			um Head, Epoxy Coated	1/2" NPT
			pylene Head, White	1/2" NPT
			ss Steel Head	1/2 NFT 1/2" NPT
			um Head with LED Indicator	1/2" NPT
			ss Steel Head with Battery powered LCD Indicator	1/2" NPT
			um Head with Option for Remote Mount Inection Head	3/4" NPT
			ension Type (See Illustrations - page 18)	Standard 'N' Extension Length
		1C	Galvanized Coupling Nipple	3 inches
		2C	304 SS Coupling Nipple	3 inches
		3C	316 SS Coupling Nipple	3 inches
		1 1D	Galvanized Union Nipple	3 inches
		2D	304 SS Union Nipple	3 inches
		3D	316 SS Union Nipple	3 inches
		I N	No Extension	0 inches
		L N	'U' Immersion Length (See NOTE 2)	0 inches
			025 2.5 inch (minimum length)	
			040 4.0 inch	
			045 4.5 inch	
			070 7.0 inch	
			075 7.5 inch	
			100 10.0 inch	
			105 10.5 inch	
			135 13.5 inch	
			160 16.0 inch	
			UUU Specify 'U' Immersion Length in inch	es.
	1 1	1 1		
		1 1		
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NOTE 1: See our Connection Head Supplement for all available connection heads and full details.

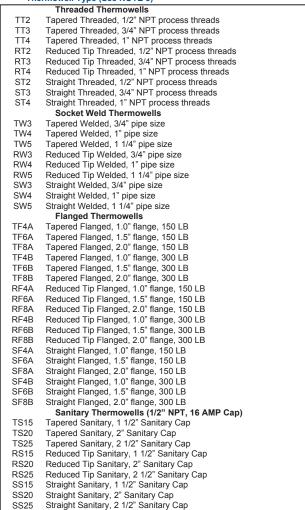
NOTE 2: For Thermowells with Bore Depths ('A') greater that 42 inches contact Burns Customer Service. Long length wells can be constructed from welded bar stock segments or from pipe. Specifics of the application must be verified to ensure the thermowell design meets your process needs.

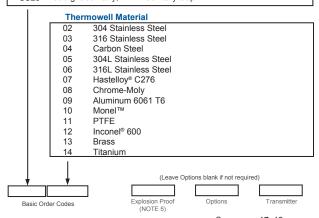


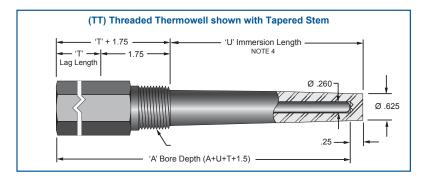
'L' Style Spring Loaded Hex Fitting Sensors with Thermowell

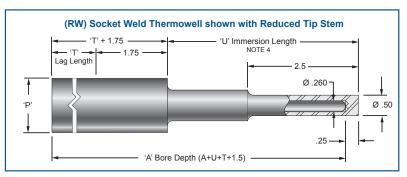
Ordering Information (2 of 2)

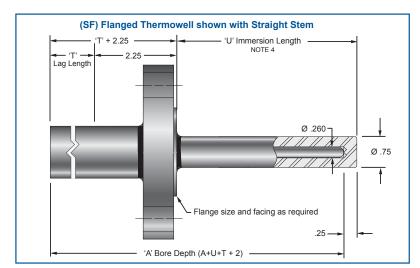
Thermowell Type (See NOTE 3)

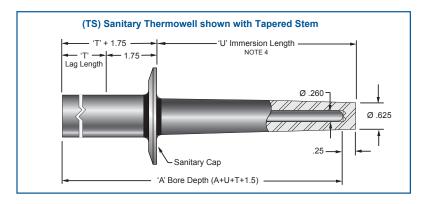












NOTE 3: See our Thermowell catalog or visit us on-line at burnsengineering.com for a full line of standard thermowell styles along with information on custom thermowells.

NOTE 4: For Thermowells with Bore Depths ('A') greater that 42 inches contact Burns Customer Service. Long length wells can be constructed from welded bar stock segments or from pipe. Specifics of the application must be verified to ensure the thermowell design meets your process needs.

NOTE 5: For FM explosion proof approved assembly, enter '/AFM' code. See page 3 for ratings and drawing # 18938 for approved product structure details.