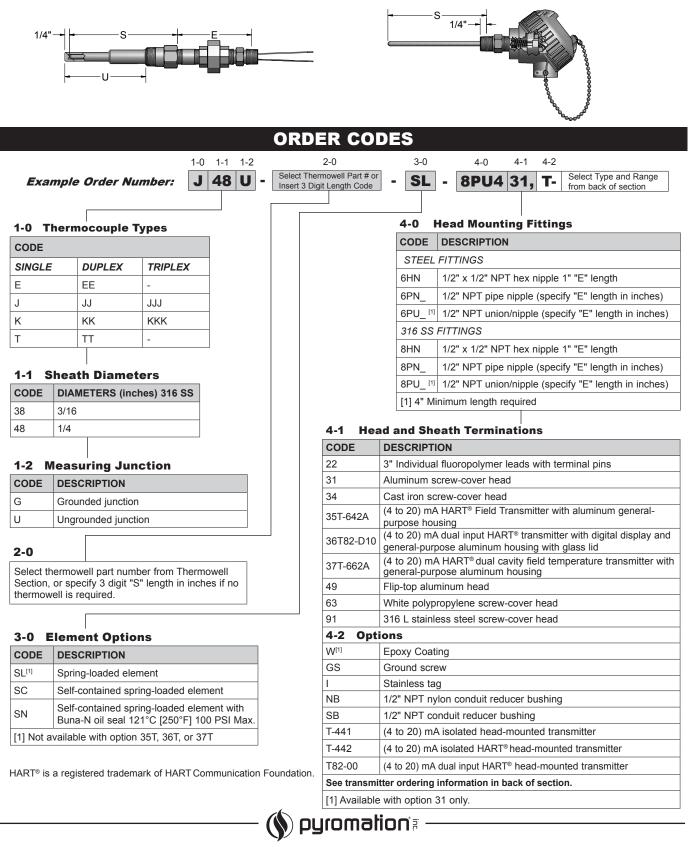
SENSORS WITH Connection Heads

Configuration Code GP04 Spring-Loaded MgO Thermocouple/Thermowell Assemblies with General-Purpose Connection Heads

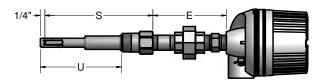
Spring-Loaded MgO Thermocouple/Thermowell Assemblies with General-Purpose Connection Heads are designed for use with various thermowell types. Complete assemblies can be ordered by selecting the MgO assembly below, the thermowell from the thermowell section of this catalog, and a temperature transmitter from the back of this section. Assemblies without a thermowell can be ordered by selecting the sensor assembly from this page and inserting the "S" length in table 2-0. These sensors are supplied with a 316 stainless steel sheath and as standard limits of error.

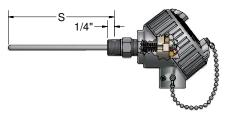


Sensors with Connection Heads

Configuration Code GP04 Spring-Loaded MgO Thermocouple/Thermowell Assemblies with Explosion-Proof Connection Heads

Spring-Loaded MgO Thermocouple/Thermowell Assemblies with Explosion-Proof Connection Heads are designed for use with various thermowell types. Complete assemblies can be ordered by selecting the MgO assembly below, the thermowell from the thermowell section of the catalog, and a temperature transmitter from the back of this section. Assemblies without a thermowell can be ordered by selecting the sensor assembly from this page and inserting the "S" length in table 2-0. These sensors are supplied with a 316 stainless steel sheath and as standard limits or error.





						0	R	DER	COD	ES											
		1-0 1-1 1-2				2-0			3-0		4-0	4-1	4-2								
Example Order Number:			J	J 48 I			Select Thermow Insert 3 Digit Le			-	SL	-	8XI	J4	93,			elect Type and F			le
	-										Τ							JIII Dat		ECLION	
4 0 T							Γ														
	hermocoup									4-0 Head Mounting Fittings CODE DESCRIPTION											
											STEEL FITTINGS										
SINGLE	-	TRIPLEX	-							61		1	2" x 1/2"	' NPT	hey r	innle	1" "	'F" e	nath		
Е .J	EE JJ	-	-							-	PN		2" NPT						-	n inch	-5)
•	JJ KK	JJJ	_							-	-				•••	•••			•		
K T									6XU_ ^[1] 1/2" NPT union/nippl 316 SS FITTINGS												
Т		-								81		1	2" x 1/2"	' NPT	hex r	nipple	1" "	'E" le	nath		
										_	PN	1	2" NPT						-	n inche	es)
1-1 S	heath Diam	eters									-					•••			•		,
CODE DIAMETERS (inches) 316 SS											8XU_ ^[1] 1/2" NPT union/nipple (specify "E" leng									,	
38	3/16									L .				- J -							
48	1/4							4-1 He	ad T	[erm	ina	tions									
									CODE	DE	DESCRIPTION										
1-2 Measuring Junction														DIN form B aluminum explosion-proof/flame-proof EC, Atex approved							
CODE	DESCRIPTIO							75T-642C		(4 to 20) mA HART® field transmitter with aluminum explosic									ion-		
G	Grounded jun								proof housing (4 to 20) mA dual input HART® Field Transmitter wit									ith dic	ital		
U	Ungrounded j							76T82-D1	dis	display and explosion-proof aluminum housing										παι	
									77T-662C		(4 to 20) mA HART® Field Transmitter with deexplosion-proof aluminum housing							ual ca	vity		
2-0									93	Alu		n ex	plosion-				hea	id, NE	EC, IE	C, Ate	K
Select thermowell part number from Thermowell								94	94 316L stainless steel explosio IEC, Atex approved						n-proof/flame-proof head, NEC,						
	or specify 3 dig vell is required.	git "S" length ir	1 inch	es if r	10				4-2 0	ptio		v up	proved								
								SB			1/2" NPT conduit reducer bushing										
									I	Sta	Stainless tag										
3-0 Element Options							T-441			(4	(4 to 20) mA isolated head-mounted transmitter										
CODE	DESCRIPTIO								T-442	(4 1	to 20)	mΑ	isolated	HAR	RT® hea	ad-mo	ounte	ed tra	nsmit	ter	
SL ^[1]									T82-00 (4 to 20) mA Dual input, isolated HART [®] head-mo								d trans	mitte			
SC	Self-contained spring-loaded element								See transmitter ordering information in back of section.												
SN	Self-contained spring-loaded element with Buna-N oil seal 121°C [250°F] 100 PSI Max.								HART® is a registered trademark of HART Communication Foundation.												
[1] Not av	vailable with opti	•	•	01 01	Max.																
	• ••••• ••••	, , •																			

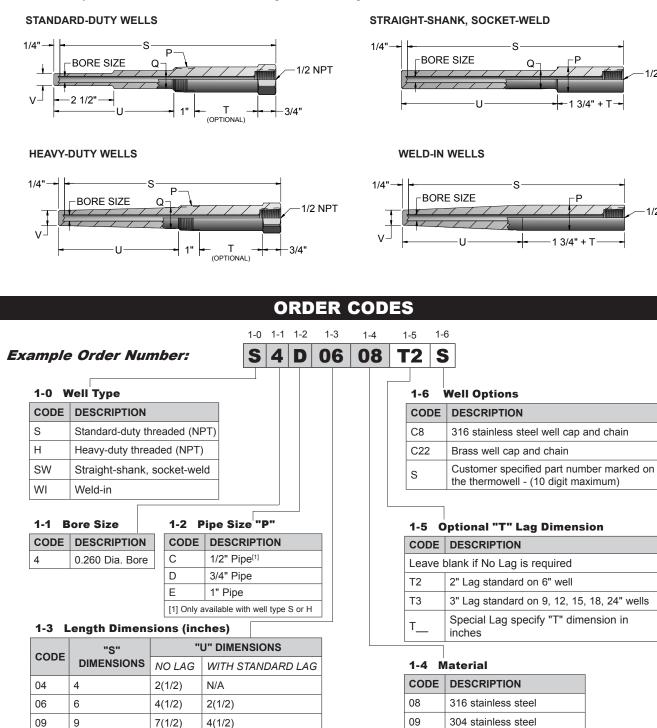
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THERMOWELLS

1/2 NPT

1/2 NPT

The drilled thermowells listed below are those most commonly found in process applications. Other types and styles are listed later in this section. The thermowells listed below are available as separate component wells and can be ordered by the code numbers listed below. They can also be ordered as a part of a complete sensor assembly. Consult factory for wells with different mounting threads, lengths, and materials.



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12

15

18

24

12

15

18

24

10(1/2)

13(1/2)

16(1/2)

22(1/2)

7(1/2)

10(1/2)

13(1/2)

19(1/2)

THERMOWELLS

The flanged thermowells described on this page are those commonly found in most process applications. These wells are supplied as standard- or heavy-duty with raised-faced flanges. Other types and styles are listed later in this section. Consult factory for wells with different flange sides, lengths, and materials.

