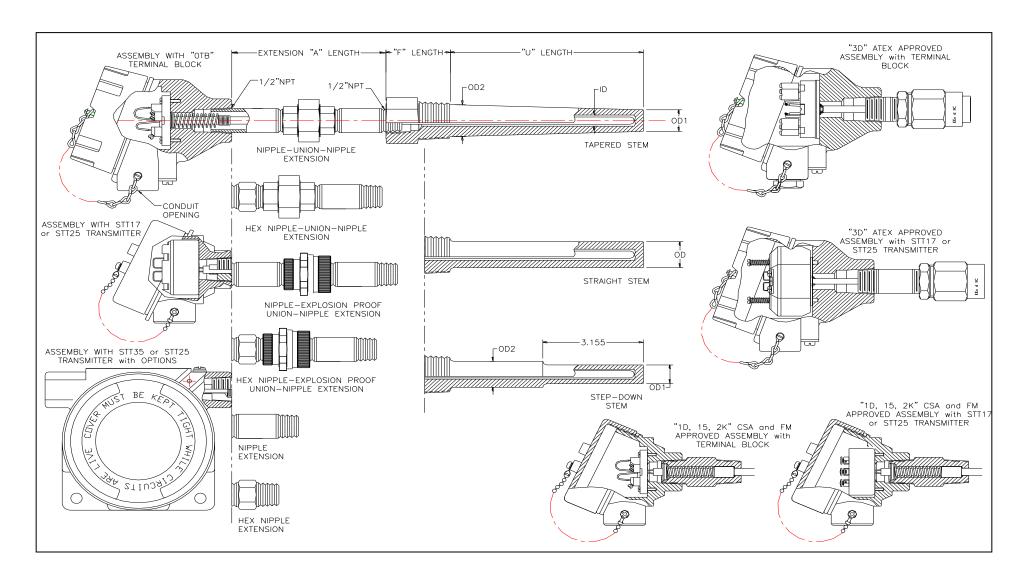
Honeywell

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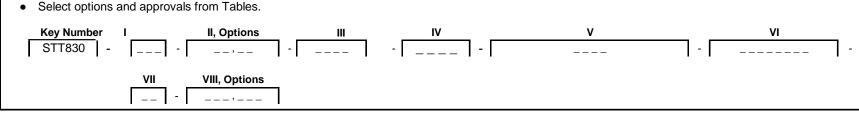
Model Selection Guide

STT 3000 Temperature Probe Assemblies Series STT830 - Threaded & Socket Weld Thermowell Assembly with Transmitter Option



Instructions

- Choose availability column based on mounting configuration.
- A dot (•) denotes unrestricted availability. A letter denotes restricted availability.
- Blank denotes unavailable choose alternate. View Restrictions table.



Ordering Example: STT830-25H-TC-WEE0-H08C-R1U6-A00SR090-00-000 Price: \$ 909.00

Key Number	Select	tion Availat	bility
Threaded Bar Stock Thermowell Assembly	STT	•	

Transmitter options: STT170 SERIES





STT250 SERIES



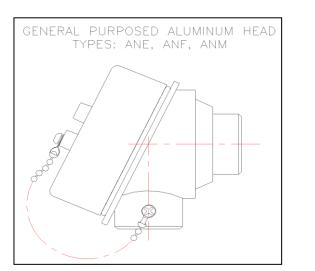


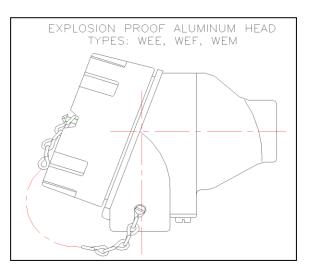
							A	vaila	abilit	ty				
					ST	T17				STT2	-		ST	
Table I Transmitter Selection	Selection	000	0TB	1	3	Н	F	Μ	D	Η	S	Τ	0	F
No transmitter, no housing	000	•												
No transmitter, head mount housing with terminal block only	0TB		•											
Wired to STT171 (Analog)	171			٠										
Wired to STT173 (Analog)	173				•									
Wired to STT17H (HART)	17H					•								
Wired to STT17F (Fieldbus)	17F						•							
Wired to STT25M (Analog)	25M							٠						
Wired to STT25D (DE)	25D								•					
Wired to STT25H (HART)	25H									•				
Wired to STT25S (HART6)	25S										٠			
Wired to STT25T (HART)	25T											•		
Wired to STT350 (Analog/DE)	350												d	
Wired to STT35F (Fieldbus)	35F													d

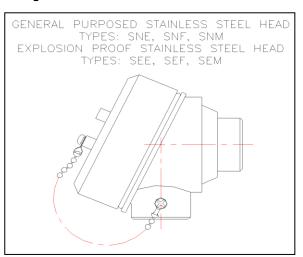
NOTE: Transmitters have additional certifications as Intrinsically Safe, Non-incendive and Non-sparking. See transmitter specifications for details.

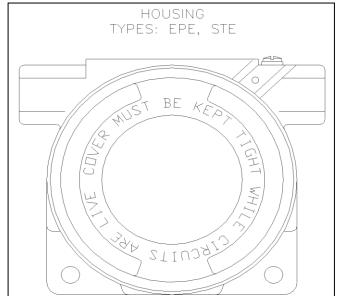
							T17				TT2			ST		
TABLE II - S	IT Options	Selection	000	0TB	1	3	Η	F		D	Η		Τ	0	F	
No Options		00	•	•	•	•	•	•	٠	٠	٠	•	•	٠	•	
Configur-	Transmitter Configuration	тс			•	•	•	•	•		•	•	•	•		
ation	(See 13:STT-OE pages for choices)				•		•			Ľ				-		
Customer	316 SS Wired-on Customer I.D. Tag (4 lines, 28 chars.)	TG	е	е	е	е	е	е	е	е	е	е	е	е	е	b
Tagging	316 SS Wired-on Customer I.D. Tag (blank)	TB	е	е	е	е	е	е	е	е	е	е	е	е	е	~
	STT35F English Language Version	EF													•	
	STT350 English Language Version	EN												•		
	STT350 French Language Version	FR												•		
	STT350 Spanish Language Version	SP												•		
Owners	STT250 English Language Version	EM							•	•	•	•	•			
Manual	STT250 French Language Version	FM							•	•	•	•	•			b
(Transmitter)	STT250 Spanish Language Version	SM							•	•	•	•	•			U
(manshinder)	STT250 Chinese Language Version	CM							•	•	•	•	•			
	STT171 Version: English, French, German Language	M1			•											1
	STT173 Version: English, French, German Language	M3				•										1
	STT17H Version: English, French, German Language	MH					•									
	STT17F Version: English, French, German Language	MF						•								
Mounting	Carbon Steel angle Mounting Bracket for 2" Pipe	MB			d	d	d	d	d	d	d	d	d	d	d	
Arrange-	Stainless Steel angle Mounting Bracket for 2" Pipe	SB			d	d	d	d	d	d	d	d	d	d	d	b
ment	DIN Rail Mounting via Clip (to Top Hat or "G" Rail)	DB			h	h	h	h	h	h	h	h	h	h	h	
316 SS	1/2 NPT to M20 - CSA CL I, Div 1, GP ABCD, Type 4; ATEX, IECEx, Ex d IIC, IP66 - 1 Adaptor	A1			d	d	d	d	d	d	d	d	d	•	•	
Conduit Adaptors	1/2 NPT to M20 - CSA CL I, Div 1, GP ABCD, Type 4; ATEX, IECEx, Ex d IIC, IP66 - 2 Adaptors	A2			d	d	d	d	d	d	d	d	d	•	•	b
	1/2 NPT to 3/4 NPT - 1 Adaptor	A3			d	d	d	d	d	d	d	d	d	•	•	
Lightning	Externally Mountable to Field Mount Housing	EL			d	d	d	d	d	d	d	d	d	d	d	h
Protection	Internal Surge/ Lightning Protection	SL			d	d	d	d	d	d	d	d	d	d	d	U
	Additional Transmitter Warranty - 1 year	W1			٠	•	•	٠	•	٠	•	٠	٠	•	٠	
	Additional Transmitter Warranty - 2 years	W2							•	•	٠	٠	٠	•	•	L.
Warranty	Additional Transmitter Warranty - 3 years	W3							•	•	•	٠	٠	•	•	b
	Lifetime Warranty - 15 years	WL												•	•	
	Factory Transmitter Configuration/ Calibration Certificate	CD			٠	•	٠	٠	٠	•	٠	٠	٠	•	•	b
Optional	SIL2 TUV Certificate	S2										٠				
Certificate	Certificate of Conformance/ Origin	CC			•	•	•	٠	•	•	•	٠	٠	•	•	b
	Certificate of Origin (F0195)	CF			•	•	•	•	•	•	•	•	•	•	•	

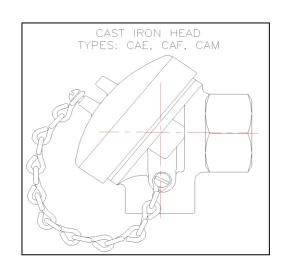
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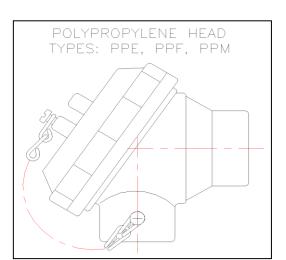






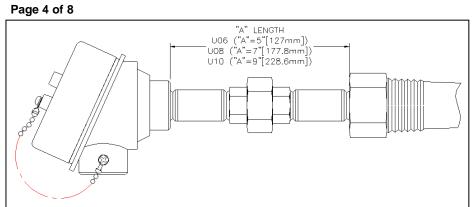


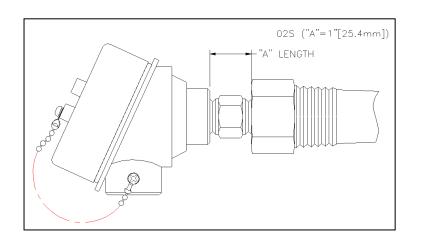
Availability

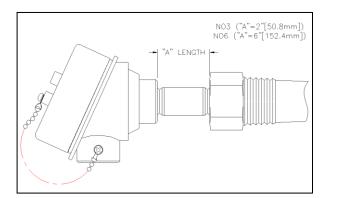


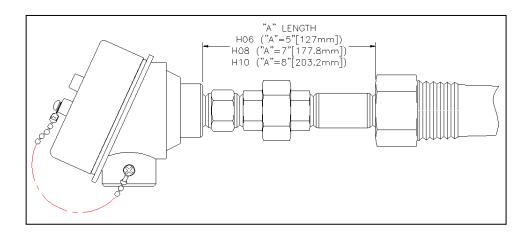
							T17				STT2			ST	
TABLE III - Housing and Meters		Selection	000	0TB	1	3	Н	F	Μ	D	Η	S	Τ	0	F
No housing		000_	•		0	0	0	0	0	0	0	0	0		
Head-mount Housings	Conduit Entry														
General purpose aluminum	1/2" NPT	ANE_		ο	0	0	0	0	0	0	0	0	0		
General purpose aluminum	3/4" NPT	ANF _		ο	0	0	0	0	0	0	0	0	0		
General purpose aluminum	M20	ANM_		0	0	0	0	0	0	0	0	0	0		
Explosion proof aluminum	1/2" NPT	WEE_		•	•	•	•	•	•	•	•	٠	•		
Explosion proof aluminum	3/4" NPT	WEF_		•	•	•	•	•	•	•	•	٠	•		
Explosion proof aluminum	M20	WEM_		f	f	f	f	f	f	f	f	f	f		
General purpose stainless steel	1/2" NPT	SNE_		0	0	0	0	0	0	0	0	0	0		
General purpose stainless steel	3/4" NPT	SNF _		0	0	0	0	0	0	0	0	0	0		
General purpose stainless steel	M20	SNM_		0	0	0	0	0	0	0	0	0	0		
Explosion proof stainless steel	1/2" NPT	SEE_		•	•	•	•	•	•	•	•	•	•		
Explosion proof stainless steel	3/4" NPT	SEF _		•	•	•	•	•	•	•	•	•	•		
Explosion proof stainless steel	M20	SEM_		f	f	f	f	f	f	f	f	f	f		
Cast Iron	1/2" NPT	CAE_		0	0	0	0	0	0	0	0	0	0		
Cast Iron	3/4" NPT	CAF _		0	0	0	0	0	0	0	ο	ο	0		
Cast Iron	M20	CAM_		0	0	0	0	0	0	0	0	0	0		
Polypropylene	1/2" NPT	PPE_		ο	0	ο	0	0	0	0	ο	0	0		
Polypropylene	3/4" NPT	PPF _		ο	0	ο	0	0	ο	0	ο	0	ο		
Polypropylene	M20	PPM_		ο	ο	ο	ο	0	ο	0	ο	0	ο		
Field-mount Honeywell Housings															
Aluminum explosion proof with Beige Epoxy Coating	1/2" NPT	EPE_			k	k	k	k	•	•	•	•	•	•	•
Explosion-Proof 316 Stainless Steel	1/2" NPT	STE_			k	k	k	k	•	•	•	•	•	•	•
Integral Meter															
No Integral Meter Supplied		0	•	•	•	•	•	•	•	•	•	•	•	•	•
Analog Meter for Field Mount Housing		M							d	d	d	d	d	d	
E.U. Meter for Field Mount Housing		E			d	d	d		d		d	d	d		
Smart Meter for Field Mount Housing		S							d	d				d	
Fieldbus Meter for Field Mount Housing		F													d

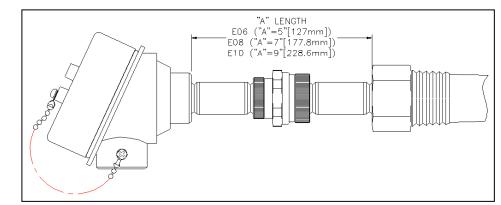
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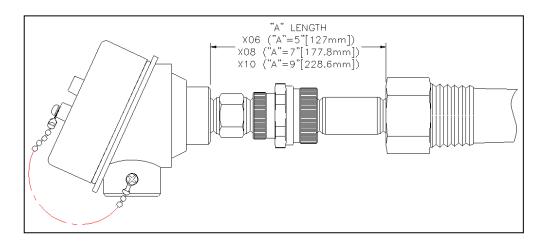












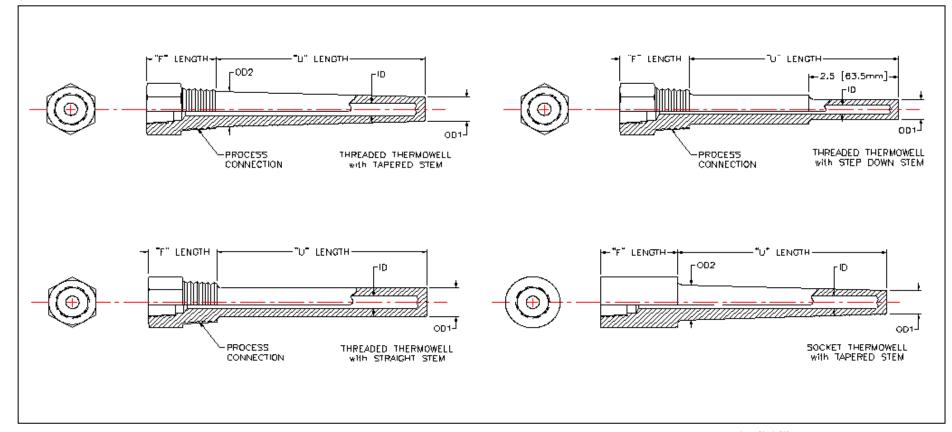
											Av	aila	bilit	у				
									STT					STT			S	TT35
TABLE IV - Extension Type, I					Selection	000	0TB	1	3	Η	F	Μ	D	Η	S	Τ	0	F
No extension	"A" Length	Nipple	Union	Nipple	0000	•	а	а	а	а	а	а	а	а	а	а	а	а
3" Straight nipple	2 in.	N/A	N/A	Carbon Stl.	N03C	•	С	С	С	С	С	С	С	С	С	С	С	С
6" Straight nipple	5 in.	N/A	N/A	Carbon Stl.	N06C	•	С	С	С	С	С	С	С	С	С	С	С	С
Nipple-union-nipple	5 in.	Carbon Stl.	Carbon Stl.	Carbon Stl.	U06C	•	ο	0	0	ο	0	0	0	0	ο	0	ο	ο
Nipple-union-nipple	7 in.	Carbon Stl.	Carbon Stl.	Carbon Stl.	U08C	•	ο	ο	ο	ο	0	ο	0	0	ο	ο	ο	ο
Nipple-union-nipple	9 in.	Carbon Stl.	Carbon Stl.	Carbon Stl.	U10C	•	0	ο	ο	ο	0	ο	ο	0	ο	0	0	ο
Nipple-XP union-nipple	5 in.	Carbon Stl.	Galv. Stl.	Carbon Stl.	E06C	•	С	С	С	С	С	С	С	С	С	С	С	С
Nipple-XP union-nipple	7 in.	Carbon Stl.	Galv. Stl.	Carbon Stl.	E08C	•	С	с	с	С	С	с	с	с	С	С	С	с
Nipple-XP union-nipple	9 in.	Carbon Stl.	Galv. Stl.	Carbon Stl.	E10C	•	С	с	с	С	С	с	с	с	с	С	С	с
Hex nipple-union-nipple	5 in.	SS (Hex)	Carbon Stl.	Carbon Stl.	H06C	•	k	k	k	k	k	k	k	k	k	k	k	k
Hex nipple-union-nipple	7 in.	SS (Hex)	Carbon Stl.	Carbon Stl.	H08C	•	k	k	k	k	k	k	k	k	k	k	k	k
Hex nipple-union-nipple	9 in.	SS (Hex)	Carbon Stl.	Carbon Stl.	H10C	•	k	k	k	k	k	k	k	k	k	k	k	k
Hex nipple-XP union-nipple	5 in.	SS (Hex)	Galv. Stl.	Carbon Stl.	X06C	•	•	٠	٠	•	•	٠	•	•	٠	•	•	•
Hex nipple-XP union-nipple	7 in.	SS (Hex)	Galv. Stl.	Carbon Stl.	X08C	•	•	•	•	•	•	•	•	•	•	•	•	•
Hex nipple-XP union-nipple	9 in.	SS (Hex)	Galv. Stl.	Carbon Stl.	X10C	•	•	•	•	•	•	•	•	•	•	•	•	•
3" Straight nipple	2 in.	N/A	N/A	Stn. Stl.	N03S	•	С	С	С	С	С	С	С	С	С	С	С	С
6" Straight nipple	5 in.	N/A	N/A	Stn. Stl.	N06S	•	С	с	с	С	С	с	с	с	с	С	С	С
Nipple-union-nipple	5 in.	SS	SS	Stn. Stl.	U06S	•	0	0	0	0	0	0	0	0	0	0	0	0
Nipple-union-nipple	7 in.	SS	SS	Stn. Stl.	U08S	•	ο	o	ο	ο	ο	o	0	0	о	ο	ο	ο
Nipple-union-nipple	9 in.	SS	SS	Stn. Stl.	U10S	•	ο	0	ο	ο	ο	o	0	0	о	ο	ο	ο
Nipple-XP union-nipple	5 in.	SS	Galv. Stl.	Stn. Stl.	E06S	•	С	С	С	С	С	С	С	С	С	С	С	С
Nipple-XP union-nipple	7 in.	SS	Galv. Stl.	Stn. Stl.	E08S	•	С	с	С	С	С	с	с	с	с	С	С	с
Nipple-XP union-nipple	9 in.	SS	Galv. Stl.	Stn. Stl.	E10S	•	С	с	с	С	С	с	с	с	с	С	С	с
Hex nipple only	1 in.	SS (Hex)	N/A	N/A	H02S	•	•	•	٠	•	•	٠	•	•	٠	•	•	•
Hex nipple-union-nipple	5 in.	SS (Hex)	SS	Stn. Stl.	H06S	•	k	k	k	k	k	k	k	k	k	k	k	k
Hex nipple-union-nipple	7 in.	SS (Hex)	SS	Stn. Stl.	H08S	•	k	k	k	k	k	k	k	k	k	k	k	k
Hex nipple-union-nipple	9 in.	SS (Hex)	SS	Stn. Stl.	H10S	•	k	k	k	k	k	k	k	k	k	k	k	k
Hex nipple-XP union-nipple	5 in.	SS (Hex)	Galv. Stl.	Stn. Stl.	X06S	•	•	٠	٠	٠	•	٠	•	•	٠	•	•	•
Hex nipple-XP union-nipple	7 in.	SS (Hex)	Galv. Stl.	Stn. Stl.	X08S	•	•	•	•	•	•	•	•	•	•	•	•	•
Hex nipple-XP union-nipple	9 in.	SS (Hex)	Galv. Stl.	Stn. Stl.	X10S	•	•	•	•	٠	•	•	•	•	•	٠	•	•

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LEAD LENGTH	MEASURING JUNCTION or LOCATION of RTD BULB
50 - [12.7mm]	

											vailab	oility						
										T17				TT2			ST	
TABLE V - S						000	0TB	1	3	Н	F		_	Η	S	Τ	0	F
	No sensor	-	T	1	00	0	0	0	0	0	0	0	0	0	0	0	0	C
	Compatible with STT:	17X	25X	35X														
	Thermocouples																	
	1 x Type E (IEC)		H, M, D, T	0, F	T1	•	•		•	•	•	•	•	•	•		٠	•
	2 x Type E (IEC)	H, F, P	Т	0, F	T2	•	•			•	•					•	•	
	1 x Type J (IEC)		H, M, D, T	0, F	T3	•	•		•	•	•	•	•	•	•		٠	
	2 x Type J (IEC)	H, F, P	Т	0, F	T4	•	•			•	•					٠	•	
	1 x Type K (IEC)		H, M, D, T	0, F	T5	•	•		•	•	•	•	•	٠	•		٠	
	2 x Type K (IEC)	H, F, P	Т	0, F	T6	•	•			•	•					٠	٠	
	1 x Type N (IEC)	3, H, F, P		0, F	T7	•	•		٠	•	•	•	•	٠	•		٠	
	1 x Type T (IEC)		H, M, D, T	0, F	Т8	•	•		•	•	•	•	•	٠	•		٠	
	2 x Type T (IEC)	H, F, P	Т	0, F	T9	•	•			•	•					•	٠	
	RTD Applications (-58 to +50	00°F)																
Sensor	1 x Pt100 (IEC), 2-wire	1, 3, H, F	H, M, D, T	0, F	R1	•	v	v	V	V	V	v	v	v	v		v	١
Туре	1 x Pt100 (IEC), 3-wire	1, 3, H, F	H, M, D, T	0, F	R2	•	v	v	v	v	v	v	v	v	v		v	,
	1 x Pt100 (IEC), 4-wire	1, 3, H, F	H, M, D, T	0, F	R3	•	v		v	v	v	v	v	v	v		v	,
	2 x Pt100 (IEC), 3-wire	H, F	Т	0, F	R4	•	v			v	v					v	v	1
	1 x Pt200 (IEC), 3-wire	-	H, M, D	0, F	R5	•	v					v	v	v	v		v	1
	1 x Pt500 (IEC), 3-wire	-	-	0, F	R6	•	v										v	1
	1 x Pt1000 (IEC), 3-wire	H, F	М	-	R7	•	v			v	v							
	RTD Applications (-292 to +9	32°F)																_
	1 x Pt100 (IEC), 2-wire	1, 3, H, F	H, M, D, T	0, F	H1	•	•	٠	٠	•	•	•	•	٠	•		٠	
	1 x Pt100 (IEC), 3-wire	1, 3, H, F	H, M, D, T	0, F	H2	•	•	•	•	•	•	•	•	•	•		•	
	1 x Pt100 (IEC), 4-wire	1, 3, H, F	H, M, D, T	0, F	H3	•	•		•	•	•	•	•	•	•		•	
	2 x Pt100 (IEC), 3-wire	H, F	Т	0, F	H4	•	•			•	•					•	•	
	1 x Pt200 (IEC), 3-wire	-	H, M, D	0, F	H5	•	•					•	•	•	•		•	
	1 x Pt500 (IEC), 3-wire	-	-	0, F	H6	•	•										•	
	1 x Pt1000 (IEC), 3-wire	H, F	М	-	H7	•	•			•	•							
•	No sensor				0_	r	r	r	r	r	r	r	r	r	r	r	r	
Sensor	Grounded (standard for T/Cs a	and not app	blicable for RTDs)		G_	s	S	S	S	s	s	s	s	s	s	s	s	
Grounding	Ungrounded (standard for RTI	•••	,		U_	•	•	•	•	•	•	•	•	•	•	•	•	
.ead Length	Factory Defaults : Table V : 00 Table I: 000,35 9" Lead ler Table I : 0TB,17_,25 6" Lea	ngth	ead length		D	•	•	•	•	•	•	•	•	•	•	•	•	

Note: only one side of a duplex probe is connected to the transmitter



																	Ava	ailat	oility	/				
															STT	17				STT2			S	TT35
Tab	e VI - Therm	owell									Selection	000	0TB	1	3	Η	F	Μ	D	Η	S	Τ	0	F
	No Thermo	owell(Dr Ser	nsor or	nly)						0	k	k	k	k	k	k	k	k	k	k	k	k	k
					Di	mensior	ns in inches																	
			pered S	Stem		Straight	t Stem		p Dowr	n Stem														
		OD-1	OD-2	ID	OD-1	OD-2	ID	OD-1	OD-2	ID														
	1/2" NPT 1/2" BSP	0.50	0.63	0.260	0.63	0.63	0.260	0.50	0.63	0.260	A B	•	•	•	•	•	•	•	•	•	•	•	•	•
	3/4" NPT	0.63	0.844	0.260	0.75	0.75	0.260	0.50	0.75	0.260	C	•	•	•	•	•	•	•	•	•	•	•	•	•
uo	3/4" NPT	0.63	0.844	0.385	0.75	0.75	0.385				D	•	•	•	•	•	•	•	•	•	•	•	•	•
Connection	3/4" BSP	0.63	0.844	0.260	0.75	0.75	0.260	0.50	0.75	0.260	E	•	•	•	•	•	•	•	•	•	•	•	•	•
s Con	3/4" BSP	0.63	0.844	0.385	0.75	0.75	0.385				F	•	•	•	•	•	•	•	•	•	•	•	•	•
Process	1" NPT	0.75	1.00	0.260	0.75	0.75	0.260	0.50	0.88	0.260	G	•	•	•	•	•	•	•	•	•	•	•	•	•
ፈ	1" NPT	0.75	1.00	0.385	0.75	0.75	0.385				Н	•	•	•	•	٠	•	•	•	•	•	•	•	•
	1" BSP	0.75	1.00	0.260	0.75	0.75	0.260	0.50	0.88	0.260	J	•	•	•	•	•	•	•	•	•	•	•	•	•
	1" BSP	0.75	1.00	0.385	0.75	0.75	0.385				К	•	•	•	•	•	•	•	•	•	•	•	•	•
	3/4" NPS SW	0.63	0.844	0.260	n/a	n/a	n/a	n/a	n/a	n/a	M	•	•	•	•	•	•	•	•	•	•	•	•	•
	1" NPS SW	0.75	1.00	0.260	n/a	n/a	n/a	n/a	n/a	n/a	N	•	•	•	•	•	•	•	•	•	•	•	•	•
				vell or l	No Lag						_ 00	•	•	•	•	٠	٠	٠	٠	٠	٠	•	•	•
		2.25									_ 05	•	•	•	•	٠	٠	٠	٠	٠	•	•	•	•
	ging Length	2.75									_ 10	•	•	•	•	٠	•	٠	٠	٠	•	•	•	•
	Standard	3.25									_ 15	•	•	•	•	٠	•	٠	٠	٠	•	•	•	•
le	ngth 1.75"	3.75									_20	•	•	•	•	•	•	•	٠	•	٠	•	•	•
		4.25									_25	•	•	•	•	•	•	•	•	•	•	•	•	•
		4.75										•	•	٠	•	٠	•	•	•	•	•	•	•	•
			ermow	vell							0	u	u	u	u	u	u	u	u	u	u	u	u	u
w	ell Design	Тар									T	•	•	•	•	•	•	٠	٠	٠	•	•	•	•
	-	Stra	-								\$	•	•	•	•	•	•	٠	٠	٠	•	•	•	•
		Step									P	•	•	٠	•	٠	٠	٠	٠	•	٠	•	•	•
			ermow								0	u	u	u	u	u	u	u	u	u	u	u	u	u
We	ell Material		on Ste								N	•	•	•	•	•	•	٠	٠	٠	•	•	•	•
				ss Stee							P	•	•	•	•	•	•	٠	٠	•	•	•	•	•
		316	Stainle	ss Stee	ei (reter	ence pr	ice table 1)				R	•	٠	•	•	•	•	•	•	•	•	•	•	•

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									Ava	ilal						
					-		STT					STT				TT35
	ermowell (continued)		Selection	000	0TB	1	3	Η	F	Μ	D	Η	S	Т	0	F
	0 in. (No Thermowell)		00 _	w	w	w	w	w	w	w	w	w	w	w	w	w
	1 in.		01 _	•	•	•	•	•	•	•	٠	•	٠	•	•	•
	2 in.		02 _	•	•	٠	•	•	٠	•	٠	•	•	٠	•	•
	3 in.		03 _	•	•	٠	•	•	•	•	٠	•	•	٠	•	•
	4 in.		04 _	•	•	٠	•	•	•	•	٠	•	•	٠	•	•
	5 in.		05 _	•	•	٠	•	•	•	•	٠	•	•	٠	•	•
	6 in.		06 _	•	•	٠	•	•	٠	•	٠	•	•	٠	•	•
	7 in.		07 _	•	•	٠	•	•	•	•	٠	•	•	٠	•	•
	8 in.		08 _	•	•	٠	•	•	•	•	٠	•	•	٠	•	•
	9 in.		09 _	•	•	٠	•	•	•	•	٠	•	•	•	•	•
	10 in.		10 _	•	•	•	•	•	•	•	٠	•	٠	•	•	•
Insertion	11 in.		11_	•	•	•	•	•	•	•	٠	•	٠	٠	•	•
Length "U"	12 in.		12 _	•	•	•	•	•	•	•	٠	•	•	•	•	•
Length 0	13 in.		13 _	•	•	•	•	•	•	•	٠	•	٠	٠	•	•
	14 in.		14 _	•	•	•	•	•	•	•	٠	•	•	•	•	•
	15 in.		15 _	•	•	•	•	•	•	•	٠	•	٠	•	•	•
	16 in.		16 _	•	•	•	•	•	•	•	٠	•	•	•	•	•
	17 in.		17 _	•	•	•	•	•	•	•	٠	•	•	•	•	•
	18 in.		18 _	•	•	•	•	•	•	•	٠	•	•	•	•	•
	19 in.		19 _	•	•	•	•	•	•	•	٠	•	•	•	•	•
	20 in.		20 _	•	•	•	•	•	•	•	٠	•	•	•	•	•
	21 in.		21 _	•	•	•	•	•	•	•	٠	•	•	•	•	•
	22 in.		22 _	•	•	•	•	•	•	•	٠	•	•	•	•	•
	23 in.		23 _	•	•	•	•	•	•	•	٠	•	٠	•	•	•
	24 in.		24 _	•	•	•	•	•	•	•	•	•	•	•	•	•
		.00 in. or No sensor	0	•	•	٠	•	•	•	•	•	•	٠	٠	•	•
	Decimal	.25 in.	2	x	x	х	x	x	х	x	х	x	x	х	х	x
	Decimal	.50 in.	5	x	x	х	x	x	х	x	х	x	x	х	х	x
		.75 in.	7	x	x	х	x	x	x	x	х	x	x	х	х	x

TABLE VII - Safety Approvals

Approval		Location or Classification								Α	vail	abil	ity			
Body	Approval Type		Selection	000	0TB	1	3	Η	F	Μ	D	Η	S	Т	0	F
None	No approval body certif	ications included	00	•	•	٠	٠	٠	٠	٠	•	•	•	•	•	٠
	Explosion-Proof	Class I, Div. 1, Groups A**,B,C,D														
	Dust Ignition-Proof	Class II, Div. 1, Groups E,F,G	Groups E,F,G 1D		•	•	•	•	•	•	•	•	•	•	•	•
FM	Dust Ignition-Proof	Class III, Div. 1 T***	U													
FIVI	Environmental	NEMA 4X****														
	Flameproof	Class I, Zone 1, IIC**, T***	45		~	~	~	~	~	~	~	~	~	ä	a	~
	Environmental	IP66****	15		g	g	g	g	g	g	g	g	g	g	y	y
	Explosion-Proof	Class I, Div. 1, Groups B,C,D														
	Dust Ignition-Proof	Class II, Div. 1, Groups E,F,G			•	•	•	•	•	•	•	•	•	•	•	•
CSA	Dust Ignition-Proof	Class III, Div. 1 T***	2K													
	Flameproof	Ex d IIC, T***														
	Environmental	NEMA 4X/IP66****														
		Flameproof 🕲 II 2 G														
ATEX	Flameproof, zone 1	Ex d IIC T6,	3D		•	•	•	•	•	•	•	•	•	•	•	•
		Ambient Limits –20 to +60°C												• • • g g g • • •		

** Enclosures supplied in stainless steel and enclosures with a window are de-rated to Gas Groups B, C, & D and Zone 1 Group IIB + H₂

*** Temperature Class (T-Codes) is T6 with terminal block or dependant on transmitter.

**** Type 4X and IP66 ratings are dependent upon the enclosure, nipple extension and thermowell materials. IP66 dependent upon enclosure and a thermowell is required.

** Environmental ratings per CSA markings on the Head-mount enclosure.

NOTICE: The temperature probe, head-mount housings, extension hardware and thermowell are supplied and certified by Thermo Electric Company, Inc., 60A Commerce Way, Totowa, NJ 07512. The temperature transmitter module is supplied by Honeywell International Inc.

									Av	ailal	bilit	у					
	A		O-lo-diam	000		1	3	н	F	м	D	н	s	т	0	F	
TABLE VIII -	Assembly Op	blions	Selection 000		0TB							_		-			
No options	statia prossur	e test of thermowell (2500 PSI Standard)	000 PT1	• t	• t	•	•	•	• t	• t	• t	• t	• t	•	•	• t	
		re test of thermowell (2500 PSI Standard) (4)	PT2	n	n n	n n	n n	ר ח	י n	n n			n n	n	n n	n n	
NACE certification			HT1	II	t	t	t	t	t	t	t	t	t	t	t	t	
		STM G93-96)	XGN	t	t	t	t	t	t	t	t	t	t	t	t	t	
		The Chlorine Institute, Inc. Pamphlet 6)	CLN	t	t	t	t	t	t					t	t	t	b
	,	dock, ASME PTC-19.3 TW-2010)	FRQ														
		nd temp. required)		t	t	t	t	t	t	t	t	t	t	t	t	t	
Thermowell m	aterial certific	ate	TMC	t	t	t	t	t	t	t	t	t	t	t	t	t	
Canadian reg	istration numb	ber (CRN)	CRN	t	t	t	t	t	t	t	t	t	t	t	t	t	
Transmitter w	ith Probe calil	oration (system) @ 2 points, Single Sensor	TC1			j	j	j	j	j	j	j	j	j	j	j	
(specify																	b
		oration (system)@ 2 points, Duplex Sensor	TC2			j	j	j	j	j	j	j	j	j	j	j	
		ificate (2-point info to be provided)	AP2	m	m	m		m	m			m			m	m	
		ificate (3-point info to be provided)	AP3	m	m	m				m					m	m	b
		ificate (4-point info to be provided)	AP4	m	m	m	m	m	m	m	m	m	m	m	m	m	+
		hermocouple Calibration to ANSI MC96.1	SP1	р	р	р	р	р	р	р	р	p	р	р	р	р	
	M E230, Sing		600			_		-	-	-	-			<u> </u>	-	-	b
		hermocouple Calibration to ANSI MC96.1	SP2	q	q	q	q	q	q	q	q	q	q	q	q	q	
	M E230, Dup	iex rade A RTD, Single	CL1	<u> </u>	<u> </u>				-			-	-	-			╉┥┥
		rade A RTD, Single rade A RTD, Duplex	CL2						-			!	!	1:	1		b
		able on socket welds	OLZ								I					I.	
RESTRICTION Restriction	UN5	Available Only With			1					Not	A.v.=	hilah		Vith			
Letter	Table	Selection			<u>г</u>	able				NOL	AVC	anar		ectio	n		
a	VI	0000000000				abie							001	00110			
b		Make one selection from this group															
С						VII							1D,	2K,1	5		
d		EPE_, STE_															
e														000_			
f	III IV	X, H02S				VII VI						0		2K			
g						VI						0					
h		000_															
<u> </u>	•	R4,H4												_			
J	II	TC				V								0			
k						VII								3D			
I	v	R1_ to R3_ ,R5_ to R7_ ,H1_ to H3_ ,H5_ t	o H7														
m						V							0	0			
n						VI		0_				, M				N	
0						VII						1	D, 2	K,3D	,15		
р	V	T1 ,T3,T5,T7 ,T8															
q	V																
r	V	T2,T4,T6,T9 00															
						VII								3D			
S						V			00_	,	R1_					_ to H	7
t						VI						0					
u	VI	0															
v						VII							1	D,15			
w	VI V	0															
x					1	VI						-		0	0		
B														^	_		