

EXPLOSION PROOF APPROVED THERMOCOUPLE ASSEMBLIES WITH THERMOWELLS - MODEL 70-80

1		2		3		4		5	Select Thermowell Part # from Thermowell Section		6		7		8		9	Select Type and Range
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1. AGENCY APPROVAL	
CODE	DESCRIPTION
XP	FM/CSA explosion proof approved assembly

2. THERMOCOUPLE TYPES	
CODE	DESCRIPTION
SINGLE	DUPLEX
E	EE
J	JJ
K	KK
T	TT

3. SHEATH DIAMETERS 316 S.S.	
CODE	DIAMETER (inches)
48	1/4

4. MEASURING JUNCTION	
CODE	DESCRIPTION
U	Ungrounded

5. THERMOWELL	
Select thermowell part number from Thermowell Section	

6. ELEMENT OPTIONS	
CODE	DIAMETER (inches)
SL*	Spring loaded element
SC	Self-contained spring loaded element
*Not available with option 75T-642B	

9. OPTIONS	
CODE	DESCRIPTION
SB	1/2" NPT conduit reducer bushing
I	Stainless steel tag
T-441*	(4 to 20) mA isolated heat-mounted transmitter
T-442*	(4 to 20) mA HART® isolated heat-mounted transmitter
*Not available with option 71 or 81	

8. HEAD TERMINATIONS	
CODE	DESCRIPTION
71	Cast iron/aluminum explosion proof head Group C
72	DIN form B aluminum explosion proof head Group B
74	DIN form B aluminum explosion proof head Group A
75T-642B	(4 to 20) mA HART® Field Transmitter with aluminum explosion proof housing; Group A
81	316L stainless steel explosion proof head Group C
82	DIN form B 316 stainless steel explosion proof head Group B

7. HEAD MOUNTING FITTINGS	
CODE	DESCRIPTION
STEEL FITTINGS	
6HN	1/2" x 1/2" NPT hex nipple 1" length
6PN ₋	1/2" x 1/2" NPT pipe nipple (specify "E" length in inches)
6XU ₋ *	1/2" x 1/2" NPT union/riptide (specify "E" length in inches)
316SS FITTINGS	
8HN	1/2" x 1/2" NPT hex nipple 1" length
8PN	1/2" x 1/2" NPT pipe nipple (specify "E" length in inches)
8XU ₋ *	1/2" x 1/2" NPT union/riptide (specify "E" length in inches)
*3 1/2" Minimum length required. Maximum allowable "E" is 9".	