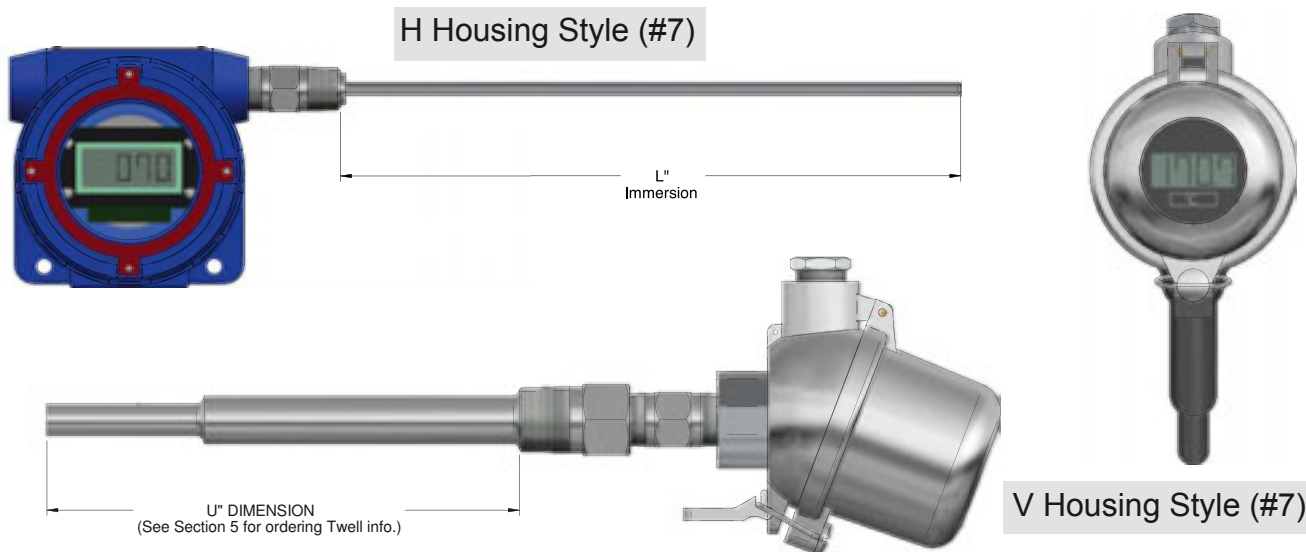


INTEGRAL TRANSMITTERS WITH HOUSING AND INDICATOR



The 888 series specified with these ordering symbols include a temperature sensor assembly with an integral transmitter and indicator. The assemblies are 316 stainless steel and 1/4" outside diameter. Thermocouples have ungrounded junctions. RTD's have a 3 wire configuration and a 0.00385 alpha. The most popular assembly features a spring-loaded fitting with a thermowell.

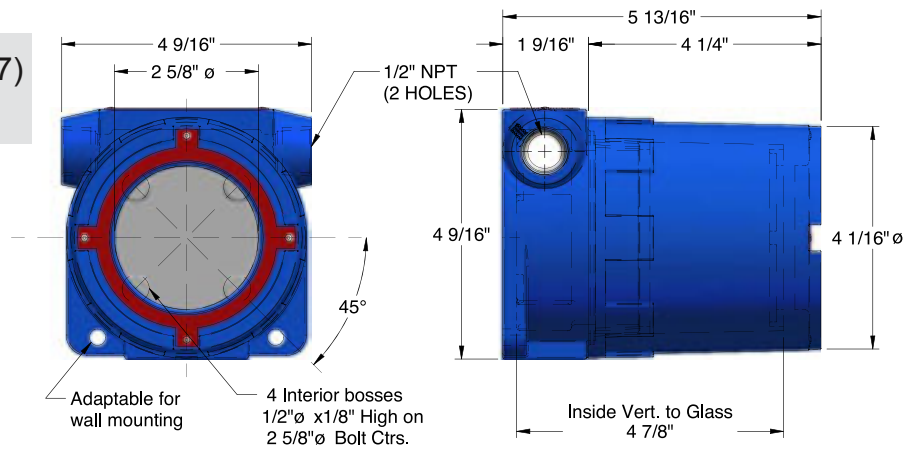
#1	DESCRIPTION [18]	
888	Transmitter (Includes housing).	
#2	TYPE OF TRANSMITTER [8-18]	STANDARD HOUSING WITH INDICATOR
H	Isolated (Standard)	V
N	Non-isolated	V
A	AI-1000 (See pg. 8-8, 8-9)	G
S	AI-1500 (Hart) (See pg. 8-10, 8-11)	G
B	AI-2000 (See pg. 8-12)	H
X	Other, specify (i.e. Different housing from section 6 or customer supplied transmitters, etc.)	
#3	INPUT	
J	Iron/Constantan thermocouple	
T	Copper/Constantan thermocouple	
K	Chromel/Alumel thermocouple	
E	Chromel/Constantan thermocouple	
S	Platinum 10% Rhodium/Pure Platinum thermocouple	
R	Platinum 13% Rhodium/Pure Platinum thermocouple	
B	Platinum 6% Rhodium/Platinum 30% Rhodium thermocouple	
N	Nicrosil/Nisil thermocouple	
C	Tungsten 5% Rhenium/Tungsten 26% Rhenium thermocouple	
3	3 wire, 100Ω, Platinum, α=.00385, RTD	
4	4 wire, 100Ω, Platinum, α=.00385, RTD	
X	Other, specify	
#4	TEMPERATURE RANGE	
_ to _°C	List desired temperature span	
_ to _°F	List desired temperature span	
X	Other, specify	
#5	OUTPUT	
4	4 to 20 mA	
X	Other, specify	
#6	INDICATION	
D	Digital (Standard)	
A	Analog (0 to 100% of scale is standard for analog indication.	
Z	No indication	

[] BRACKETS INDICATE PAGE NUMBERS IN TECHNICAL CATALOG AVAILABLE ONLINE AT WWW.JMS-SE.COM/PDF/JMS_TECHNICAL_CATALOG.PDF

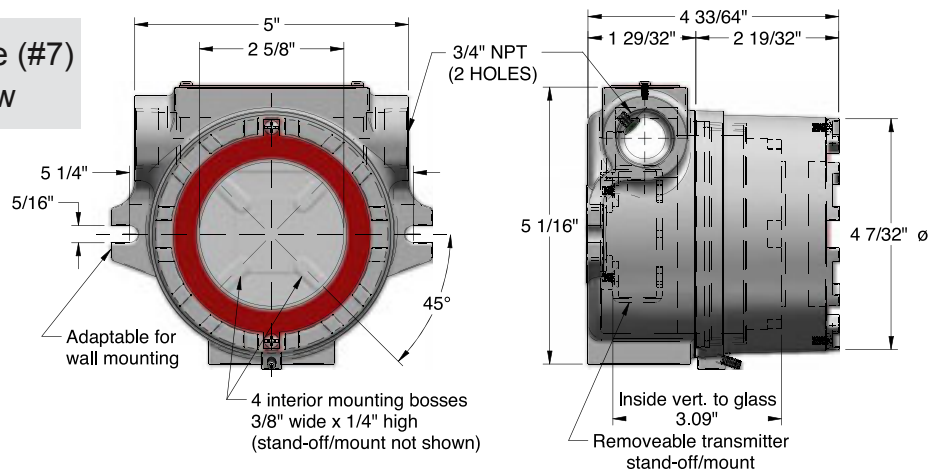
Note: For standard thermocouple or RTD assemblies for the above transmitter see next page. Please see thermocouple, RTD or thermowell section for any assemblies other than those offered on the next page.

INTEGRAL TRANSMITTERS WITH HOUSING AND INDICATOR

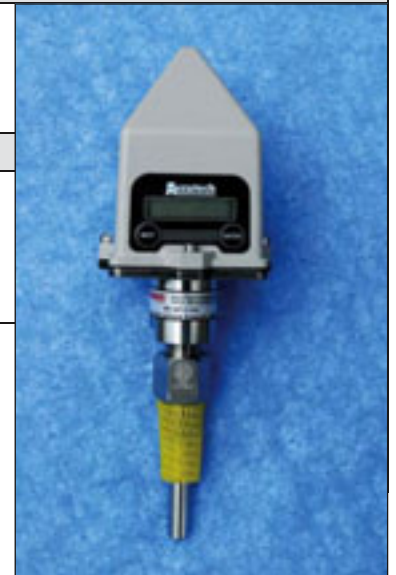
H Housing Style (#7)
Detailed View



G Housing Style (#7)
Detailed View



#7	HOUSING	WORKS WITH (SELECTION #2)
G H V X	See pictures above and on 8-1, for housing images.	H, N, A & S H, N, A, S & B H & N
#8	FITTING TYPE { 6-13 }	
S W N X Z	Spring loaded 1/2 x 1/2" NPT Welded 1/2" x 1/2" NPT Nipple-Union-Nipple - 6" (NUN6G1) Other, specify N/A	
#9	IMMERSION LENGTH IN INCHES (L)	
4 6 9 12 X Z	4" 6" 9" 12" Other, specify Not Applicable (ex: Field Mounted Transmitter)	




Wireless Transmitters

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NON-ISOLATED TRANSMITTERS

#1	DESCRIPTION [8-13]		
8N	Transmitter, Non-Isolated		
#2	INPUT		
J*	Iron/Constantan thermocouple	B*	Platinum 6% Rhodium/Platinum 30% Rhodium thermocouple
T*	Copper/Constantan thermocouple	N*	Nicrosil/Nisil thermocouple
K*	Chromel/Alumel thermocouple	C*	Tungsten 5% Rhenium / Tungsten 26% Rhenium T/C
E*	Chromel/Constantan thermocouple	3	100Ω, Platinum, a=.00385, RTD
S*	Platinum 10% Rhodium/Pure Platinum thermocouple	X	Other, specify
R*	Platinum 13% Rhodium/Pure Platinum thermocouple		
Although non-isolated transmitters are available for thermocouples, JMS always recommends the customer use isolated transmitters for their application. See below for isolation values to 3750 volts			
#3	TEMPERATURE RANGE		*All non-isolated thermocouple transmitters should be used with ungrounded junctions to prevent ground loops and noise interference.
_ to _°C	List desired temperature span		
_ to _°F	List desired temperature span		
X	Other, specify		
#4	OUTPUT		
4	4 to 20 mA		
X	Other, specify		
#5	MOUNTING		
A	Dual mounting bracket		} For panel mounting
B	Dual mounting bracket with 12" cuttable mounting track		
X	Other, specify		
Z	N/A		
#6	SOFTWARE [8-19]		
A	Yes - range at factory		Z No - range at factory



ISOLATED TRANSMITTERS

#1	DESCRIPTION [8-14 through 8-17]		
8	Transmitter (Add "R" for DIN Rail Style for transmitter options H, I, D, and E, see selection #2)		
#2	TYPE OF TRANSMITTER	I / O ISOLATION	HART
H*	Standard TempIR	1500 VAC	No
C	CAL 9400 (See pg. 8-5, 8-6)	1000 VAC	No
A	AI-1000 (See pg. 8-8, 8-9)	500 VAC	No
S	AI-1500 (See pg. 8-10, 8-11)	500 VAC	Yes
B	AI-2000 (See pg. 8-12)	850 VAC	No
I*	TempIR with Hart Protocol	1500 VAC	Yes
E*	Intrinsically safe TempIR	3750 VAC	No
D*	TempIR / Hart / Intrinsically safe	3750 VAC	Yes
X	Other		
#3	INPUT		
J	Iron/Constantan thermocouple	N	Nicrosil/Nisil thermocouple
T	Copper/Constantan thermocouple	C	Tungsten 5% Rhenium / Tungsten 26% Rhenium thermocouple
K	Chromel/Alumel thermocouple	3	100Ω, Platinum, a=.00385, RTD
E	Chromel/Constantan thermocouple	X	Other, specify
S	Platinum 10% Rhodium/Pure Platinum thermocouple	Z	N/A
R	Platinum 13% Rhodium/Pure Platinum thermocouple		
B	Platinum 6% Rhodium/Platinum 30% Rhodium		
#4	TEMPERATURE RANGE		} For panel mounting
_ to _°C	List desired temperature span	X	
_ to _°F	List desired temperature span	Z	N/A
#5	OUTPUT		
4	4 to 20 mA	P	Profibus
X	Other, specify	F	Fieldbus
#6	SOFTWARE		
A	Yes - range at factory		
Z	No - range at factory		



Note: DIN Rail Style available for transmitter options H, I, D, E (See 8R photo above).