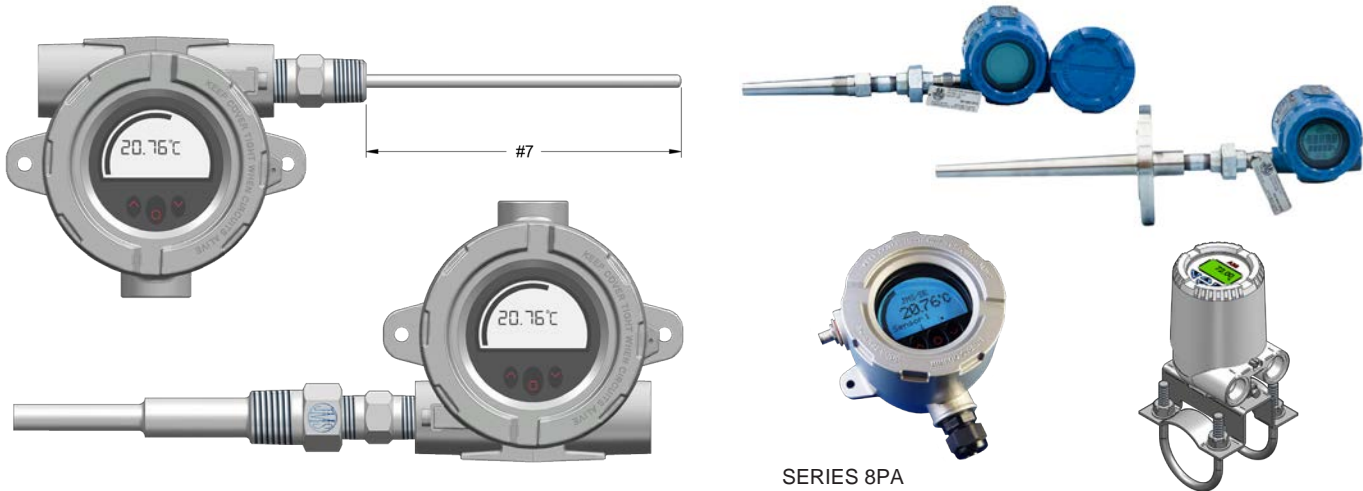


INDICATING TRANSMITTER ASSEMBLIES

JMS offers transmitters of all makes & models (JMS, Rosemount, Honeywell, ABB, Siemens, E+H & More!). Here are just a few of the transmitters JMS has to offer:



(See section 5 for thermowell ordering specifications)

The 88 series specified with these ordering symbols includes a single element temperature sensor assembly with a JMS indicating transmitter that is isolated, intrinsically safe, Hart Programmable and Ex rated to FM, CSA, IECEx, ATEX standards and more, or another transmitter of your choosing. Sensors have a .250" diameter and stainless steel jacket. Thermocouples have ungrounded junctions. RTD sensors are rated up to 662°F (350°C) and thermocouples are rated to as high as 899°C (1650°F) depending on thermocouple type. The most popular assembly features a spring-loaded fitting with a thermowell as shown above.

#1	DESCRIPTION [18]		
88	Transmitter (Includes sensor, housing, and digital indicator).		
#2	TYPE OF TRANSMITTER [8-18]		
PA	JMS Transmitter, Aluminum Housing	GA	ABB TTH300 (FM certified) w/ indicator & AL Ex Proof windowed housing
PS	JMS Transmitter, Stainless Steel Housing	GS	ABB TTH300 (FM certified) w/ indicator & SS Ex Proof windowed housing
X	Non-JMS Transmitter (state make and model)		
#3	SENSOR TYPE (SINGLE INPUT) 3= 3 WIRE 100 Ω RTD 4= 4 WIRE 100 Ω RTD		
___	J, T, K, E, S, R, B, N, C, 3, 4, X (Other, specify), Z (N/A, without sensor - transmitter & housing only)		
#4	TEMPERATURE RANGE		
_ to _ °C	List desired temperature span		
_ to _ °F	List desired temperature span		
Z	N/A		
X	Other, specify		
#5	SIGNAL OUTPUT		
4	HART 4 to 20 mA (Standard)	1	1 to 5 VDC
F	Fieldbus	X	Other, specify
P	Profibus		
#6	FITTING TYPE [6-13] *See page 1-3 for spring loaded union-nipple options		
S	Spring-loaded 1/2"x1/2" NPT	Z	N/A
W	Welded 1/2"x1/2" NPT	X*	Other, specify
#7	IMMERSION LENGTH IN INCHES (L)		
___"	State length in inches	Z	N/A transmitter & housing only
#8	OPTIONS Leave blank if options not required		
B	Pipe mount bracket stainless steel - suitable for 2" pipe (8PY2)		
C	Calibrate Transmitter and Calibrate Sensor at 3 points		

[] Brackets indicate page numbers where additional helpful information can be found in technical catalog. Now available online at www.JMS-SE.com/TechnicalCatalog

Note: Many other transmitter options are available. (see pages 1-1 & 1-2 for TC) (see pages 3-1 & 3-2 for RTD) (see page 8-3 for stand alone transmitters)