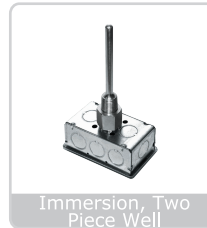




Featured Transmitter Product
Duct



Duct w/o Box



Immersion, Two Piece Well



Immersion, Machined Well



Immersion w/o Well



Copper Averaging



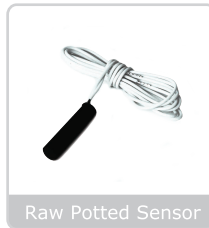
Rigid Averaging



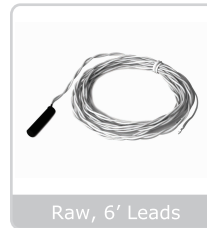
Strap



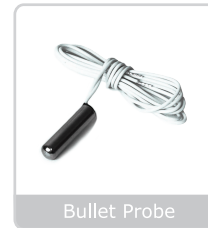
Outdoor Air



Raw Potted Sensor



Raw, 6' Leads



Bullet Probe

TRANSMITTERS

General Mounting

ACI offers a comprehensive selection of general mounting configurations for Transmitters (see list above). These sensors provide a predictable and accurate output over the specified temperature range. Each sensor configuration is designed and manufactured for long-term quality and performance. ACI incorporates standard features such as double encapsulation and etched Teflon leads where applicable. The ACI A/TTM Series offers a matched calibration of the sensor & transmitter, which improves the measurement accuracy. An N.I.S.T. certificate is provided with all A/TTM Series devices. Robust, high-end performance in addition to N.I.S.T certification makes this series suitable for applications such as pharmaceutical or scientific laboratories.

The ACI Transmitter Series is covered by ACI's Five (5) year limited warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on on ACI's web site, www.workaci.com.



SPECIFICATIONS

Transmitter Supply Voltage	8.5 to 32 VDC	249 Ohm Load: +13.5 to 32 VDC	499 Ohm Load: +18.5 to 32 VDC
Transmitter Output Current	3 mA-25 mA		
Transmitter Transmitter Input	2-wire Platinum 100/1K Ohm Class A RTD		
Transmitter Transmitter Output	2-wire, Linear 4 to 20 mA DC Current (standard), 1 to 5 VDC, or 2 to 10 VDC		
Calibrated Accuracy	+/-0.2% of full scale for spans <500°F (275°C)	+/-0.5% of full scale for spans >500°F (275°C)	
Temperature Effect	+/-0.02% of full scale for spans >100°F (55°C)	+/-0.04% of full scale for spans <100°F (55°C)	
Transmitter Operating Temperature	-40 to 185°F (-40 to 85°C)		
Transmitter Operating Humidity	0-90% RH non-condensing		
Minimum & Maximum Span	minimum: 50°F (28°C)/maximum: 1000°F (550°C)		
Sensor Output [1]	1 to 5 VDC		
Sensor Output [2]	2 to 10 VDC		
Sensor Output [4]	4 to 20 mA		
Product Dimensions	Please reference pages 5, 6, 7 & 8		

ORDERING

Select one Series (A), one Configuration (B), one Length (C), one Output (D) & one Enclosure (E). **NOTE:** See Thermowell data sheet for proper well selection for all Immersion related sensors. Enclosure options (E) include Plastic Box (PB), Galvanized Box (GD), NEMA 3R (BB), NEMA 4X (4X), & Euro Housing (EH). The Plastic Box (PB) is rated from 0 to 203°F. Once a Sensor Series (A) has been selected, stay within the same row when choosing a Configuration (B) & Length (C). Choose 1 Output (D). When selecting an Enclosure option (E). Stay in previous row as your B & C selections. ▶

A Sensor Series

- A/TT100 (Specify Span)
 A/TT1K (Specify Span)
 A/TTM100 (Specify Span)
 A/TTM1K (Specify Span)

B Configuration	C Length	D Output	E Enclosure
<input type="radio"/> D (Duct) ▶	<input type="radio"/> 4" <input type="radio"/> 6" <input type="radio"/> 8" <input type="radio"/> 12" <input type="radio"/> 18" ▶	<input type="radio"/> 1 (1 to 5 VDC)	<input type="radio"/> PB <input type="radio"/> GD <input type="radio"/> BB <input type="radio"/> 4X <input type="radio"/> EH
<input type="radio"/> DO (Duct w/o Box) ▶	<input type="radio"/> 4" <input type="radio"/> 6" <input type="radio"/> 8" <input type="radio"/> 12" <input type="radio"/> 18" ▶	<input type="radio"/> 2 (2 to 10 VDC)	<input type="radio"/> ---- (No Enclosure)
<input type="radio"/> I (Immersion, Two Piece Well) ▶	<input type="radio"/> 2.5" <input type="radio"/> 4" <input type="radio"/> 6" ▶	<input type="radio"/> 4 (4 to 20 mA)	<input type="radio"/> PB <input type="radio"/> GD <input type="radio"/> BB <input type="radio"/> 4X <input type="radio"/> EH
<input type="radio"/> IM (Immersion, Machined Well) ▶	<input type="radio"/> 1" <input type="radio"/> 2.5" <input type="radio"/> 4" <input type="radio"/> 6" <input type="radio"/> 12" ▶		<input type="radio"/> PB <input type="radio"/> GD <input type="radio"/> BB <input type="radio"/> 4X <input type="radio"/> EH
<input type="radio"/> INW (Immersion w/o Well) ▶	<input type="radio"/> 2.5" <input type="radio"/> 4" <input type="radio"/> 6" <input type="radio"/> 12" ▶		<input type="radio"/> PB <input type="radio"/> GD <input type="radio"/> BB <input type="radio"/> 4X <input type="radio"/> EH
<input type="radio"/> A (Copper Averaging) ▶	<input type="radio"/> 8' <input type="radio"/> 12' <input type="radio"/> 24' <input type="radio"/> 50' <input type="radio"/> 80' <input type="radio"/> 100' ▶		<input type="radio"/> PB <input type="radio"/> GD <input type="radio"/> BB <input type="radio"/> 4X <input type="radio"/> EH
<input type="radio"/> RA (Rigid Averaging) ▶	<input type="radio"/> 18" <input type="radio"/> 24" <input type="radio"/> 36" ▶		<input type="radio"/> PB <input type="radio"/> GD <input type="radio"/> BB <input type="radio"/> 4X <input type="radio"/> EH
<input type="radio"/> S (Strap) ▶	<input type="radio"/> ---- (No Length) ▶		<input type="radio"/> PB <input type="radio"/> GD <input type="radio"/> ---- <input type="radio"/> 4X <input type="radio"/> EH
<input type="radio"/> O (Outdoor Air) ▶	<input type="radio"/> ---- (No Length) ▶		<input type="radio"/> ---- <input type="radio"/> ---- <input type="radio"/> BB <input type="radio"/> 4X <input type="radio"/> ----
<input type="radio"/> W (Raw Potted Sensor) ▶	<input type="radio"/> ---- (No Length) ▶		<input type="radio"/> ---- (No Enclosure)
<input type="radio"/> W-6' (Raw w/6' Leads) ▶	<input type="radio"/> ---- (No Length) ▶		<input type="radio"/> ---- (No Enclosure)
<input type="radio"/> BP (Bullet Probe) ▶	<input type="radio"/> ---- (No Length) ▶		<input type="radio"/> ---- (No Enclosure)
<input type="radio"/> BO (Board Only) ▶	<input type="radio"/> ---- (No Length) ▶		<input type="radio"/> ---- (No Enclosure)

BUILD PART NUMBER

After completing (A), (B), (C), (D) & (E) from the above table, fill in the "Part Number Table" below. An example part number is offered.

A	B	C	D	E
EXAMPLE: A/TT1K - 30 to 130 - D - 6" - 4 - GD				

The Plastic Box has a UL94-HB rating. The NEMA 4X enclosure has a UL94-V2 flammability rating. The Euro Housing enclosure has a UL94-V0 flammability rating.

