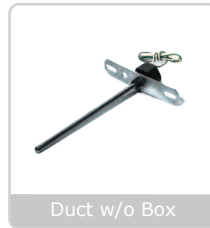




Featured Transmitter Product

Duct



Duct w/o Box



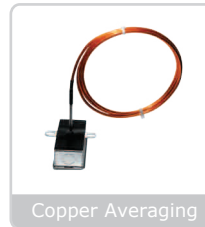
Immersion, Two Piece Well



Immersion, Machined Well



Immersion w/o Well



Copper Averaging



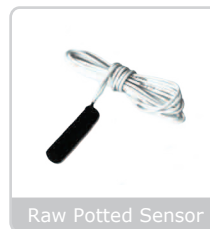
Flexible Averaging



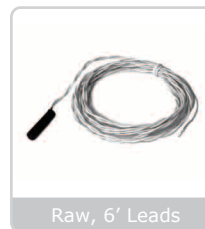
Strap



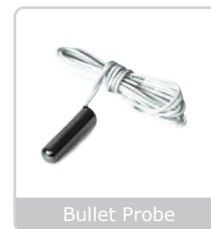
Outdoor Air



Raw Potted Sensor



Raw, 6' Leads



Bullet Probe



Bullet Probe, 20' Z



Rigid Averaging

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. A N.I.S.T. certificate is provided with all A/TTM Series devices.

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 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

- ☐ D (Duct) ▶
☐ DO (Duct w/o Box) ▶
☐ I (Immersion, Two Piece Well) ▶
☐ IM (Immersion, Machined Well) ▶
☐ INW (Immersion w/o Well) ▶
☐ A (Copper Averaging) ▶
☐ RA (Rigid Averaging) ▶
☐ S (Strap) ▶
☐ O (Outdoor Air) ▶
☐ W (Raw Potted Sensor) ▶
☐ W-6' (Raw w/6' Leads) ▶
☐ BP (Bullet Probe) ▶
☐ BO (Board Only) ▶

C Length

- ☐ 4" ☐ 6" ☐ 8" ☐ 12" ☐ 18" ▶
☐ 4" ☐ 6" ☐ 8" ☐ 12" ☐ 18" ▶
☐ 2.5" ☐ 4" ☐ 6" ▶
☐ 2.5" ☐ 4" ☐ 6" ☐ 12" ▶
☐ 2.5" ☐ 4" ☐ 6" ☐ 12" ▶
☐ 8' ☐ 12' ☐ 24' ☐ 50' ☐ 80' ☐ 100' ▶
☐ 18" ☐ 24" ☐ 36" ▶
☐ ---- (No Length) ▶
☐ ---- (No Length) ▶
☐ ---- (No Length) ▶
☐ ---- (No Length) ▶
☐ ---- (No Length) ▶
☐ ---- (No Length) ▶
☐ ---- (No Length) ▶

D Enclosure

- ☐ PB ☐ GD ☐ BB ☐ 4X ☐ EH
☐ ---- (No Enclosure)
☐ PB ☐ GD ☐ BB ☐ 4X ☐ EH
☐ PB ☐ GD ☐ BB ☐ 4X ☐ EH
☐ PB ☐ GD ☐ BB ☐ 4X ☐ EH
☐ PB ☐ GD ☐ BB ☐ 4X ☐ EH
☐ PB ☐ GD ☐ ---- ☐ 4X ☐ EH
☐ ---- ☐ ---- ☐ BB ☐ 4X ☐ ----
☐ ---- (No Enclosure)
☐ ---- (No Enclosure)
☐ ---- (No Enclosure)
☐ ---- (No Enclosure)

E Output

- ☐ 1 (1 to 5 VDC)
☐ 2 (2 to 10 VDC)
☐ 4 (4 to 20 mA)

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" - GD - 4				

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.

