Featured Transmitter Product (R2 Series)
Room

Room, Setpoint, Override

Room, Setpoint

Room, Override

Room, Setpoint, Override

Room, Setpoint

Room, Override

Room

Stainless Plate

Transmitters

Wall Mounting

ACI offers a comprehensive list of wall 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. The most prominent of the series is the R2 wall mount enclosure which features a sleek and modern design. The ACI A/TTM Series offers a matched calibration of the sensor and 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 on ACI's web site, www.workaci.com.

Temperature

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 or 1K Ohm Class A RTD (see ordering grid below)		
Transmitter Transmitter Output	2-wire, Linear 4 to 20 mA DC Current (standard), 1 to 5 VDC, or 2 to 10 VDC		
Calibrated Transmitter Accuracy	+/-0.2% of full scale		
Temperature Effect	+/-.04% of full scale		
Transmitter Operating Temperature	32 to 122ºF (0 to 50ºC)		
Transmitter Operating Humidity	0 to 90% RH non-condensing		
Minimum & Maximum Span	minimum: 50ºF (28ºC)/maximum: 126ºF (70ºC)		
Product Dimensions	Please reference pages 7 & 8		

Ordering ▼

Select one Series (A) & Specify Span. Choose one Configuration (B) & one Output (C). When selecting your Configuration (B) if "R2S", "RS", "RSO" or "R2SO" is desired, please also choose a Pot Value (D), a Sticker (E) & a Pot Action (F). If "R2S", "RS", "RSO" or "R2SO" is not selected, your Part Number is finished after completing Output (C). If a Stainless Plate is desired, please choose an Output (1). **NOTE:** setpoint and/or override options are not available with A/TTM (Matched) configurations. 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.

A Room Sensor Series   B Configuration   C Output

A Room Sensor Series	B Configuration		C Output
○ A/TT100 (Specify Span)	○ R2 (Room)	○ R (Room)	○ 1 (1 to 5 VDC)
○ A/TT1K (Specify Span)	○ R2S (Room, Setpoint)	○ RS (Room, Setpoint)	○ 2 (2 to 10 VDC)
○ A/TTM100 (Specify Span)	○ R2O (Room, Override)	○ RO (Room, Override)	○ 4 (4 to 20 mA)
○ A/TTM1K (Specify Span)	○ R2SO (Room, Setpoint, Override)	○ RSO (Room, Setpoint, Override)	

D Pot Value   E Sticker   F Pot Action

D Pot Value	E Sticker		F Pot Action
○ 4 to 20 mA	○ Blue/Red	○ 55 to 85ºF	○ DA (Direct)
	○ Cool/Warm	○ 10 to 30ºC	○ RA (Reverse)
			○ ---- (None)

1 Stainless Plate Output   2 Output

1 Stainless Plate Output		2 Output		
○ A/TT100 (Specify Span)	○ A/TTM100 (Specify Span)	○ 1 (1 to 5 VDC)	○ 2 (2 to 10 VDC)	○ 4 (4 to 20 mA)
○ A/TT1K (Specify Span)	○ A/TTM1K (Specify Span)			

Build your part number ▼

After completing (A), (B), (C), (D), (E) & (F) from the above table, fill in the "Part Number Table" below. (1) is an additional configuration. An "example" part number is offered.

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A	Specify Span	B	C	D	E	F

EXAMPLE: A/TT1K (20 to 80) - R2 - 4

— SP —

1	Specify Span	Configuration	2

EXAMPLE: A/TT100 (30 to 90) - SP - 4

RoHS COMPLIANT 2002/95/EC

The R2 & R enclosures have a UL94-HB flammability rating.