Featured Platinum RTD Product (R2 Series)

Room, Override

Room

Room,Setpoint,Override

Room, Setpoint

Room

Room, Setpoint

Room, Override
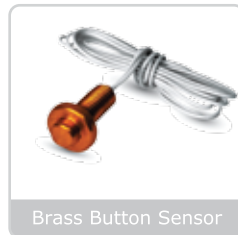
Room, Setpoint, Override

Stainless Plate

Stainless Plate, Override

Brass Button Sensor

Stainless Button Sensor

Plastic Button Sensor

Platinum RTDs

Wall Mounting

ACI offers a comprehensive list of wall mounting configurations for Platinum RTDs (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 Button Series is an unobtrusive option for unique applications.

The ACI Platinum RTD 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.

Temperature

Specifications ▼

Accuracy	Single Point: +/- 0.06% @ 32ºF (0ºC)	**Temperature Coeffcient**	0.00385 Ohm/Ohm/ºC
Stability	Less than +/- 0.1ºC drift	**Standardization**	DIN-IEC-751
Repeatability	+/- 0.36ºF (+/- 0.2ºC)	**Resistance Characteristics**	Standard: +/- 0.06% Class A
Operating Temperature Range	32 to 122ºF (0 to 50ºC)	**Product Dimensions**	Please reference pages 7 & 8
Operating Humidity Range	10 to 90% RH non-condensing	**PBS Housing Material**	ABS Compound (low smoke)

Ordering ▼

Select one Series (A), one Configuration (B), & one Communication Jack (C). When selecting your Configuration (B) if "R2S", "RS", "RSO" or "R2SO" please 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 Communication (C). If a Stainless Plate or Button Sensor (1), (2) is desired, please add a Stainless Plate (SP), Brass Button Sensor (BBS), Stainless Button Sensor (SBS), or a Plastic Button Sensor (PBS) to the separate Part Number below.

A   Room Sensor Series   B   Configuration

○ **A/1K-2W** (1K Ohms, 2 wires)	
○ **A/1K-3W** (1K Ohms, 3 wires)	
○ **A/100-2W** (100 Ohms, 2 wires)	
○ **A/100-3W** (100 Ohms, 3 wires)	

○ **R2** (Room)	○ **R** (Room)
○ **R2S** (Room, Setpoint)	○ **RS** (Room, Setpoint)
○ **R2O** (Room, Override)	○ **RO** (Room, Override)
○ **R2SO** (Room, Setpoint, Override)	○ **RSO** (Room, Setpoint, Override)

C   Communication   D   Pot Value   E   Sticker   F   Pot Action

Communication	Pot Value		Sticker	Pot Action
○ **RJ4** (4 Pin/Conductor)	○ 400	○ 8.5K	○ **Blue/Red**	○ **DA** (Direct)
○ **RJ6** (6 Pin/Conductor)	○ 1K	○ 10K	○ **Cool/Warm**	○ **RA** (Reverse)
○ **RS232** (Stereo Jack)	○ 2K	○ 20K	○ **55 to 85ºF**	○ **----** (None)
○ **----** (No Jack)	○ 5K	○ 100K	○ **10 to 30ºC**	

1   Sensor Series   2   Additional Configurations

Sensor Series		Additional Configurations		
○ A/1K-2W	○ A/100-2W	○ **SP** (Stainless Plate)	○ **BBS** (Brass Button Sensor)	○ **PBS** (Plastic Button Sensor)
○ A/1K-3W	○ A/100-3W	○ **SP-OR** (Stainless Plate, Override)	○ **SBS** (Stainless Button Sensor)	

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 provided.

__	__	__	__	__
A	B	C	D	E	F

EXAMPLE: A/1K-2W - R2S - 1K - BLUE, RED - DA

__
1	2

EXAMPLE: A/1K-2W - BBS

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

CE   RoHS COMPLIANT 2002/95/EC