

# TEMPERATURE

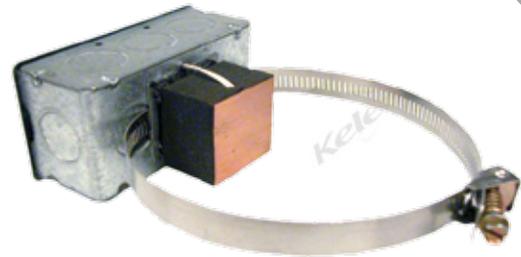
## STRAP-ON THERMISTOR AND RTD SENSORS ACI STRAP-ON SERIES



### DESCRIPTION

The **ACI Strap On Series Thermistor and RTD Sensors** are designed specifically for HVAC system temperature control. The strap-on sensors come in thermistor and RTD sensor curves compatible with most BAS systems available today. Strap-on sensors come with a handy box and stainless steel strap for 5" (12.7 cm) pipes.

The **ACI Strap-On Sensor** mounts directly to a 2" to 5" (5.1 to 12.7 cm) pipe. Clean off any insulation or rust to promote solid contact of the copper plate to the pipe. Wrap and tighten the strap around the pipe and compress the foam fully for a firm mount. Faster response can be achieved by using **TCC-12** thermal conductive compound.



A/AN-S-GD

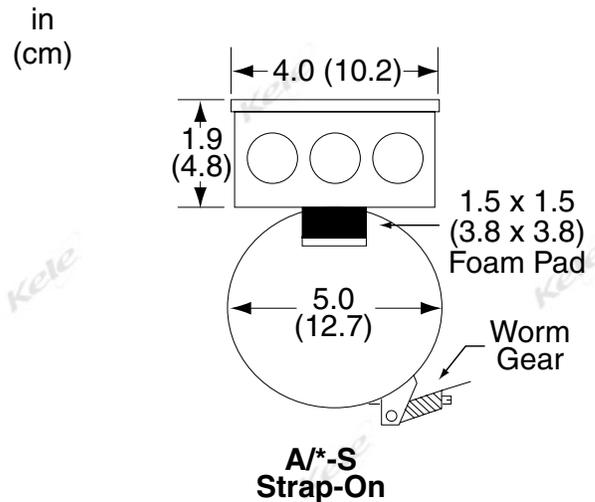
### FEATURES

- Fits pipes 2" to 5" (5.1 to 12.7 cm)
- Five-year warranty
- Stainless steel strap

### SPECIFICATIONS

<b>Accuracy</b>	
Thermistor	±0.36°F (0.2°C)
RTD	±0.50°F (0.28°C)
<b>Sensor Type</b>	
Thermistor	10 kΩ Type II & III, 20 kΩ, 100 kΩ
RTD	100Ω, 1000Ω 385 curve
<b>Temperature Range</b>	-40° to 302°F (-40° to 150°C)
<b>Stability</b>	
Thermistor	0.24°F (0.13°C) over five years
RTD	≤±0.1°C drift
<b>Heat Dissipation</b>	Thermistor, 3 mW/°C (power needed to raise the temperature by 1°C)
<b>Enclosure Rating</b>	NEMA 1, Galvanized metal box
<b>Wiring Terminations</b>	10" of 22 AWG wire or terminal strip
<b>Weight</b>	0.8 lb (0.36 Kg)
<b>Approvals</b>	RoHs, CE
<b>Warranty</b>	5 years

### DIMENSIONS



### ORDERING INFORMATION

MODEL	DESCRIPTION
<b>A/AN-S-GD</b>	Strap-on sensor with 5" (12.7 cm) diameter strap, 10 kΩ thermistor, Type 3
<b>A/CP-S-GD</b>	Strap-on sensor with 5" (12.7 cm) diameter strap, 10 kΩ thermistor, Type 2
<b>A/20K-S-GD</b>	Strap-on sensor with 5" (12.7 cm) diameter strap, 20 kΩ thermistor, Type 42
<b>A/100K-S-GD</b>	Strap-on sensor with 5" (12.7 cm) diameter strap, 100 kΩ thermistor, Type 27
<b>A/100-2W-S-GD</b>	Strap-on sensor with 5" (12.7 cm) diameter strap, 100Ω RTD, 385 curve
<b>A/1K-2W-S-GD</b>	Strap-on sensor with 5" (12.7 cm) diameter strap, 1000Ω RTD, 385 curve

### RELATED PRODUCTS

<b>T85U-XR</b>	1000 ohm, Type 85 4-20 mA temperature transmitter, custom rangeable
<b>T81U-XR</b>	100 ohm, Type 81 4-20 mA temperature transmitter, custom rangeable
<b>TCC-111</b>	Thermal conductive compound 111 ml tub
<b>TCC-12</b>	Thermal conductive compound tube, 12 ml