

TEMPERATURE

SIEMENS THERMISTOR AND RTD TEMPERATURE SENSORS SIEMENS TEMPERATURE SENSORS



SIEMENS

DESCRIPTION

The Siemens Thermistor and RTD temperature Room, Flush, Strap-on, Averaging, Duct, OSA and Immersion sensors are designed for HVAC and BAS systems. The sensors come complete and ready to install for their specific application.

NEW!

FEATURES

- Siemens style housings
- Variety of sensor types: thermistor and RTDs



Averaging Sensor



Flush Sensor



Strap on Sensor

Immersion Sensor



Outside Air Sensor

SPECIFICATIONS								
	Room	Flush	OSA	Immersion	Duct	Averaging	Strap-on	Well
Accuracy	±0.5°F @ 77°F (±0.3°C @ 25°C)	10K Ω Type 2 Thms, 100KΩ Thms, 1KΩ 385 RTD ±0.5°F @ 77°F (±0.3°C @ 25°C)	10kΩ Type 2 & 3 Thms ±1.0°F @ 77°F (±0.5°C @ 25°C); 1kΩ 385 RTD ±0.75°F @ 77°F (±0.4°C @ 25°C)	10kΩ Type 2 & 3 Thms ±1.0°F @ 77°F (±0.5°C @ 25°C); 1kΩ 385 RTD ±0.75°F @ 77°F (±0.4°C @ 25°C)	10kΩ Type 2 & 3 Thms ±1.0°F @ 77°F (±0.5°C @ 25°C); 1kΩ 385 RTD ±0.75°F @ 77°F (±0.4°C @ 25°C)	10kΩ Type 2 & 3 Thms ±1.0°F @ 77°F (±0.5°C @ 25°C); 1kΩ 385 RTD ±0.75°F @ 77°F (±0.4°C @ 25°C)	10kΩ Type 2 & 3 Thms ±1.0°F @ 77°F (±0.5°C @ 25°C); 1kΩ 385 RTD ±0.75°F @ 77°F (±0.4°C @ 25°C)	n/a
Sensor Type	100KΩ Thms	10K Ω Type 2 Thms, 100KΩ Thms, 1KΩ 385 RTD	10kΩ Type 2 & 3 Thms; 1kΩ 385 RTD, 1kΩ Nickel RTD	10kΩ Type 2 & 3 Thms; 1kΩ 385 RTD, 1kΩ Nickel RTD	10kΩ Type 2 & 3 Thms; 1kΩ 385 RTD, 1kΩ Nickel RTD	10kΩ Type 2 & 3 Thms; 1kΩ 385 RTD, 1kΩ Nickel RTD	10kΩ Type 2 & 3 Thms; 1kΩ 385 RTD, 1kΩ Nickel RTD	n/a
Temperature Range	20° to 120°F (-7° to 49°C)	55° to 95°F (12° to 35°C)	-40° to 240°F (-40° to 116°C)	-40° to 240°F (-40° to 116°C)	-40° to 240°F (-40° to 116°C)	-40° to 240°F (-40° to 116°C)	-40° to 240°F (-40° to 116°C)	n/a
Wiring Terminations	Terminals #3 & 4	8" wire lead white	8" wire lead Red	8" wire lead Red	8" wire lead white	8" wire lead white	8" wire lead white	n/a
Dimensions	3.3" H x 2.5" W x 1.5" D (8.3 x 6.4 x 3.8 cm)	4.3" H x 2.8" W x 0.3" D (10.9 x 7.1 x 0.8 cm)	5.5" H x 3.5" W x 2.0" D (14 x 8.9 x 5.1 cm)	2.5" well 4.3"H x 4.6"W x 1.3" D (10.9 x 11.7 x 3.3 cm) 4" well 4.3"H x 6.1"W x 1.3" D (10.9 x 15.5 x 3.3 cm) 6" well 4.3"H x 8.1"W x 1.3" D (10.9 x 20.6 x 3.3 cm)	2" H x 4" W box x probe legnth (5.1 x 10.2 cm) 4" (10.2) 8" (20.3) 18" (45.7)	2" H x 4" W box x probe legnth (5.1 x 10.2 cm) 8" (2.4m) 16" (4.9m) 24" (7.3m)	2" H x 4" W box (5.1 x 10.2 cm)	1/2" NPT process connection Length 2.5" (6.3 cm) 4" (10.2 cm) 6" (15.2 cm)
Weight	0.42 lb (0.2 Kg)	0.42 lb (0.2 Kg)	0.75 lb (0.3 Kg)	0.42 lb (0.2 Kg)	4" 1.43 lb (0.64 Kg) 8" 1.46 lb (0.66 Kg) 18" 1.55 lb (0.7 Kg)	0.42 lb (0.2 Kg)	1.0 lb (0.45 Kg)	0.42 lb (-0.2 Kg)
Warranty	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year

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ORDERING INFORMATION

Model	Description	Model	Description
Room		Averaging	
536-983A	Space sensor 100K Ω Beige	QAM2012.250	8' Averaging sensor 1000 Ω 385 RTD
536-983B	Space sensor 100K Ω White	QAM2012.500	16' Averaging sensor 1000 Ω 385 RTD
Flush		QAM2012.750	24' Averaging sensor 1000 Ω 385 RTD
540-984	Stainless Steel Plate sensor 10K Ω type 2 thermistor	QAM2020.500	16' Averaging sensor 1000 Ω Nickel Siemens RTD
536-984	Stainless Steel Plate sensor 100K Ω thermistor	QAM2020.750	24' Averaging sensor 1000 Ω Nickel Siemens RTD
544-973	Stainless Steel Plate sensor 1000 Ω 385 RTD	QAM2021.750	24' Averaging sensor 1000 Ω Nickel JCI RTD
Outside Air		QAM2030.250	8' Averaging sensor 10K Ω type 2 thermistor
QAC2012U	OSA sensor 1000 Ω 385 RTD	QAM2030.500	16' Averaging sensor 10K Ω type 2 thermistor
QAC2020U	OSA sensor 1000 Ω Nickel Siemens RTD	QAM2030.750	24' Averaging sensor 10K Ω type 2 thermistor
QAC2021U	OSA sensor 1000 Ω Nickel JCI RTD	QAM2032.250	8' Averaging sensor 10K Ω type 3 thermistor
QAC2030U	OSA sensor 10k Ω type 2 thermistor	QAM2032.250	16' Averaging sensor 10K Ω type 3 thermistor
QAC2032U	OSA sensor 10k Ω type 3 thermistor	QAM2032.750	24' Averaging sensor 10K Ω type 32 thermistor
Strap-On		Immersion	
QAD2012U	Strap-on sensor 1000 Ω 385 RTD	QAE2012.005	Immersion sensor 1000 Ω 385 RTD 2.5"
QAD2020U	Strap-on sensor 1000 Ω Nickel Siemens RTD	QAE2012.010	Immersion sensor 1000 Ω 385 RTD 4"
QAD2021U	Strap-on sensor 1000 Ω Nickel JCI RTD	QAE2012.015	Immersion sensor 1000 Ω 385 RTD 6"
QAD2030U	Strap-on sensor 10K Ω type 2 thermistor	QAE2020.005	Immersion sensor 1000 Ω Nickel Siemens RTD 2.5"
Duct		QAE2020.010	Immersion sensor 1000 Ω Nickel Siemens RTD 4"
QAM2012.010	Duct sensor 1000 Ω 385 RTD handibox 4" lenaht	QAE2020.015	Immersion sensor 1000 Ω Nickel Siemens RTD 6"
QAM2012.020	Duct sensor 1000 Ω 385 RTD handibox 8" lenaht	QAE2021.005	Immersion sensor 1000 Ω Nickel JCI RTD 2.5"
QAM2012.045	Duct sensor 1000 Ω 385 RTD handibox 18" lenaht	QAE2021.010	Immersion sensor 1000 Ω Nickel JCI RTD 4"
QAM2020.010	Duct sensor 1000 Ω Nickel Siemens RTD handibox 4" lenaht	QAE2021.015	Immersion sensor 1000 Ω Nickel JCI RTD 6"
QAM2020.020	Duct sensor 1000 Ω Nickel Siemens RTD handibox 8" lenaht	QAE2030.005	Immersion sensor 10K Ω type 2 thermistor 2.5"
QAM2020.045	Duct sensor 1000 Ω Nickel Siemens RTD handibox 18" lenaht	QAE2030.010	Immersion sensor 10K Ω type 2 thermistor 4"
QAM2021.010	Duct sensor 1000 Ω Nickel JCI RTD handibox 4" lenaht	QAE2030.015	Immersion sensor 10K Ω type 2 thermistor 6"
QAM2021.045	Duct sensor 1000 Ω Nickel JCI RTD handibox 18" lenaht	QAE2032.005	Immersion sensor 10K Ω type 3 thermistor 2.5"
QAM2030.010	Duct sensor 10K Ω type 2 thermistor handibox 4" lenaht	QAE2032.010	Immersion sensor 10K Ω type 3 thermistor 4"
QAM2030.020	Duct sensor 10k Ω type 2 thermistor handibox 8" lenaht	QAE2032.015	Immersion sensor 10K Ω type 3 thermistor 6"
QAM2030.045	Duct sensor 10k Ω type 2 thermistor handibox 18" lenaht	Well	
QAM2032.010	Duct sensor 10K Ω type 3 thermistor handibox 4" lenaht	AQE2000.005	2.5" Stainless Steel well for Immersion sensors
QAM2032.020	Duct sensor 10K Ω type 3 thermistor handibox 8" lenaht	AQE2000.010	4" Stainless Steel well for Immersion sensors
QAM2032.045	Duct sensor 10K Ω type 3 thermistor handibox 18" lenaht	AQE2000.010	6" Stainless Steel well for Immersion sensors