

Outdoor, Surface, Duct Temperature Sensors — Various Outputs



Energy &
Atmosphere



Indoor
Environmental
Quality



QAM21 Series Duct Sensor



QAC31xx Series Outdoor Sensor



QAC2xxx Series Outdoor Sensor



QAD20xx Series Surface Sensor

Description

Our premium line of temperature sensors are designed to install easily and to bring a sleek modern look to the finished project. These sensors are available with active or passive output signals. The duct sensors with active outputs can be quickly adapted to the application using a number of different, easily-adjustable measurement ranges.

Features

- Wide choice of products covering all common measurement ranges and output signals
- Precise engineering delivers balanced measurement weighting, short reaction times, and high measuring accuracy
- Innovative housing designs enable simple installation and provide a professional finished appearance

Applications

Siemens offers a complete line of temperature sensors that are employed throughout the HVAC system to ensure occupant comfort and maximum system efficiency.

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Sensors

Premium Temperature Sensor Specifications

Output Signals

Active..... 4-20mA
 0-10VAC
 Passive..... Platinum and Nickel 1k Ω (385 alpha)
 Ni 1k Ω @32F
 NTC 10k Ω Type II

Refer to Technical Specification Sheets for additional details

Premium Temperature Sensor Product Ordering

Application	Description	Output Signal	Part Number	Range	Data Sheet
Duct Averaging	Duct Averaging Sensor with 19.5 ft. Probe	Nickel 1k Ω @ 32F	QAM2120.600	Controller Dependent	149-805
	Duct Averaging Sensor with 6.5 ft. Probe		QAM2120.200		149-805
	Duct Averaging Sensor with 6.5 ft. Probe	Platinum 1k Ω 385 alpha	QAM2112.200		149-805
Duct Point	Duct Temp Sensor with 16" Probe	0-10V	QAM2161.040	58 to 122F -31 to 95F 32 to 122F (selectable)	149-805
	Duct Temp Sensor with 16" Probe	4-20 mA	QAM2171.040		149-805
	Duct Temp Sensor with 16" Probe	Nickel 1k Ω @ 32F	QAM2120.040	Controller Dependent	149-805
	Duct Temp Sensor with 16" Probe	NTC 10k Ω Type 2	QAM2130.040		149-805
	Duct Temp Sensor with 16" Probe	Platinum 1k Ω 375 alpha	QAM2112.040		149-805
Outdoor Air Temp		0-10V	QAC3161	-58 to 122F	149-808
		4-20 mA	QAC3171		149-808
		NTC 10k Ω Type 2	QAC2030	Controller Dependent	149-808
		Platinum 1k Ω 375 alpha	QAC2012		149-808
		Nickel 1k Ω @ 32F	QAC22		149-808
Surface Mount Pipe Temp	Pipe Temp Sensor	NTC 10k Ω Type 2	QAD2030		149-806
	Pipe Temp Sensor	Platinum 1k Ω 375 alpha	QAD2012		149-806

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Sensors