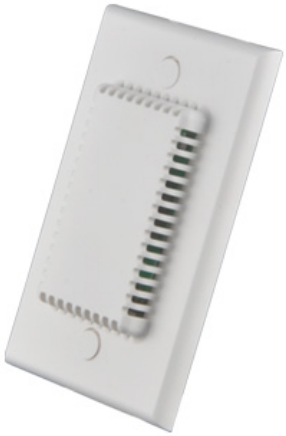
VT0R Series

VT0R VOC Temp Sensor

- Cost-effective measurement of room VOC levels
- 0-5V, 0-10V, 2-wire and 3-wire 4-20mA options
- Thermistor outputs for temperature optional
- Rugged attractive design



DESCRIPTION

The VT0R is capable of sensing thousands of VOC's coming from sources such as paints, glues, cleaners, alcohol, building products, smoke, and myriad other harmful or offensive gases. It's ability to sense these contaminants in addition to breath and other bodily functions makes it the preferred alternative or compliment to CO2 occupancy sensing. The VT0R Value Series ensures that odor and ventilation issues are never a topic of conversation. An array of analog outputs and thermistor options accommodate any installation and keep occupants breathing easy.

APPLICATIONS

- Verify operation of ionazation and UV systems
- Controlling ventilation in response to occupancy
- Ventillation control
- Economizer control
- Cafeterias, conference rooms, restrooms and public assembly areas



Your brand, your product. Affordable high-quality branding. Generate service calls for life.



Gasket seals element from wall drafts. 45 degree terminals for ease of wireing.



Made in the USA - 7-year Warranty

FEATURES

- On-board temperature compensation for VOC
- Gasket seals sensor against wall drafts and false readings
- Senses thousands of contaminants
- Perfect alternative or compliment to CO2 sensing for ventillation
- New enclosure design is rugged and slim; unobtrusive tamper resistant design
- Fits easily in standard single gang boxes
- 0-5V, 0-10V, 2-wire and 3-wire 4-20mA options
- Thermistor outputs for temperature optional

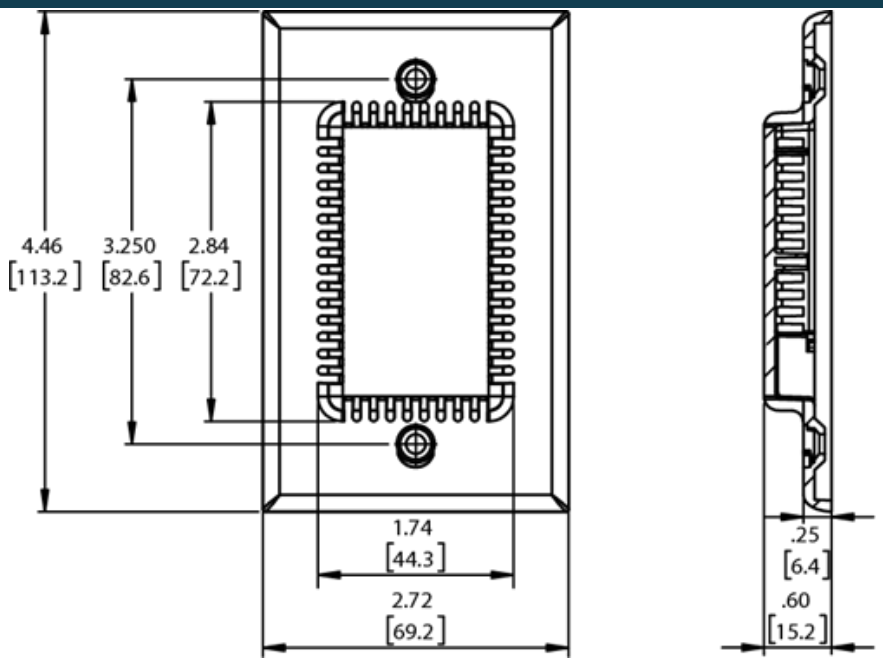
ORDERING

VT0R- ☐ ☐

Output Type
A= 0-5VDC, 3-Wire
B= 0-10VDC, 3-Wire
C= 4-20mA, 2-Wire
D= 4-20mA, 3-Wire

Temperature
A= None
C= 100PtRTD
D= 1000PtRTD
E= 10K Type 2
F= 10K Type 3
G= 10K W/ 11K
H= 3K
I = 2K2
J = 1K8
K = 20K
L= 100K

DIMENSIONS



Warning: The datasheet is designed for reference only. Refer to installation instructions that accompany the product and heed all safety instructions. Product improvement is a continuing process at Senva. Changes may occur to products without prior notice.

SPECIFICATIONS

Power Supply		12-30VDC/24VAC(1), 24mA max
Output	Analog outputs	0-10V, 0-5V, 2-wire or 3-wire 4-20mA
Output scaling	VOC intensity	0-500 (relative intensity)
Thermistor Options		Yes, see ordering table on left
VOC Sensor Performance	Type	MOS
	Gas	Ethanol
	Range	0-1000ppm of ethanol equivalent
	Response Time	<10s
	Humidity Compensation	Yes
Enclosure	Dimensions	4.46”h x 2.72”w x 0.6”d (depth measured from wall)
	RH	0 to 90% RH (operating)
		0- to 80% (storage)
	Temp Rating	14 to 122oF (-10 to 50oC) (operating)
		5 to 30ºC (storage)
Compliance		CE, RoHS

(1) One side of transformer, secondary is connected to signal common. Dedicated transformer is recommended. 15-30VDC/24VAC power supply voltage required for 10 volt output.

** Product improvement is a continual process at Senva and product features and specification may change without prior notice. Refer to instructions that accompany the product for installation and wiring.*