



Washdown Temperature & Humidity Monitoring Sensor

Revision Date: 7/30/25
Use Status: Active

Description:

Sensmod TH is a humidity and temperature sensor designed for animal room monitoring applications where the area is subject to periodic washdowns. The sensor module consists of a 2% humidity sensor combined with a Type 2 thermistor probe.



Rees Info	
General Info	
Centron Input Number	2.0
Centron 1	
TestWireless Reads	4-20ma
Workstation Reads	Linear Transducer
Is it 4-20mA?	Yes
M Value	23.8454
B Value	-23.75
Units	%RH
Centron 2	
TestWireless Reads	TPT2
Workstation Reads	Temperature
Is it 4-20mA?	No

Power	
Supply Voltage (VDC) Min	15.0
Supply Voltage (VDC) Max	40.0
Supply Current (mA) Min	24.0
Comes with Transformer	True

Physicalities	
Height (inches)	3.7
Width (inches)	3.7
Depth (inches)	2.2
Color	White
Is probe removable?	False
Probe Length (inches)	4.6

Sensor Info	
General Info	
Operating Temperature Min (C)	-40.0
Operating Temperature Max (C)	60.0
Operating Humidity Min	0.0
Operating Humidity Max	95.0
Storage Temperature Min (C)	-40.0
Storage Temperature Max (C)	65.0
Storage Humidity Min	0.0
Storage Humidity Max	95.0
Operating Temperature Min of Transmitter (C)	-40.0
Operating Temperature Max of Transmitter (C)	60.0
Operating Humidity Min of Transmitter	0.0
Operating Humidity Max of Transmitter	95.0
Operating Humidity Units/Information	% RH
Sensor Technology	Thermistor, Capacitive with Hydrophobic Filter
Response Time	20s
Rees Calibrated	False
Factory Calibrated	False
Site Calibrated	False
Types of Measurands	Humidity, Temperature
Measurands	
Humidity	
Measurement Min	0.0
Measurement Max	95.0
Measurement Units/Information	% RH
Accuracy	±2% from 20%-95%
Analog Output	4-20mA
Additional Detail	Less than 2% drift / 5 years 0.5% RH 0.1% RH
Temperature	
Measurement Min	-15.0
Measurement Max	60.0

Measurement Units/Information	C
Accuracy	±0.1°C from 0°C to +60°C <±0.2°C from -15°C to 0°C
Analog Output	Thermistor (TPT2)

Related Parts	
.SENSMOD-TH-CAP	TEMP/HUM SENSOR CAP
.SENSMOD-FILTER	FILTER FOR SENSMOD-THL OR -TH SENSORS