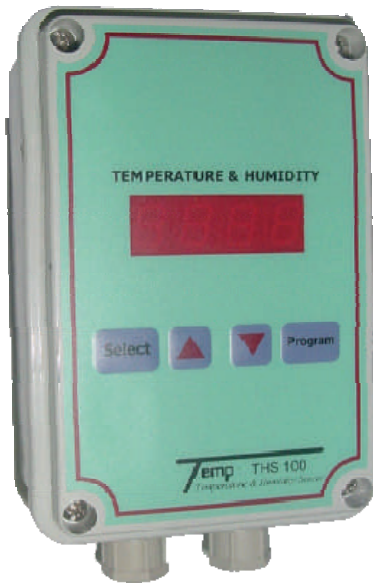


CLIMATE CONTROLLER TEMP THS100



Product Data

Temp THS-100 is controller design for control temperature and humidity which built in alarm system e.g. vaccine freezer, food freezer

Specification Temp THS-100

- Ability to show temperature $^{\circ}\text{C}$ and relative humidity %RH.
- The accuracy of temperature and humidity are $0.1\text{ }^{\circ}\text{C}$ and humidity 0.1% RH respectively.
- Ability to recalibrate temperature and humidity
- Ability to show temperature $^{\circ}\text{C}$ and $^{\circ}\text{F}$
- Ability to control fan or pump or heater for each
- Ability to delay when alarm is running
- Ability to save temperature and humidity data for fan, pump and alarm status.
- Ability to link data through computer network in the office (maximum 64 controllers per computer)

Input

1. Temperature sensor	1	set	2. Temperature sensor	1	set (option)
Measurement range temperature	-30 – 70	$^{\circ}\text{C}$	Measurement range temperature	-40 – 70	$^{\circ}\text{C}$
Accuracy value	0.1	$^{\circ}\text{C}$	Accuracy value	0.1	$^{\circ}\text{C}$
Deviated value	± 1.0	%	Deviated value	± 1.0	%
3. Temperature sensor type PT-100	1	set (option)	4. Temperature and Humidity sensor	1	set (option)
Measurement range temperature	-10 – 70	$^{\circ}\text{C}$	Measurement range temperature	-20 – 60	$^{\circ}\text{C}$
Accuracy value	0.1	$^{\circ}\text{C}$	Accuracy value	0.1	$^{\circ}\text{C}$
Deviated value	± 1.0	%	Deviated value	± 1.0	%
			Measurement range humidity	0 – 100	%RH
			Accuracy value	0.1	%RH
			Deviated value	± 5.0	%

Output

1. Relay for fan or pump or heater 1 set
2. Relay for Alarm 1 set

Technician Data

Circuit system	Electricity voltage	12 – 24	VDC
	Electric current	40	mA (DC)
Protected rate for relay		30 VDC, 1A	
Temperature for using		-40 – 70	$^{\circ}\text{C}$
Temperature for keeping		-40 – 80	$^{\circ}\text{C}$
Dimension		85 x 125 x 65 mm. (width x long x high)	

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