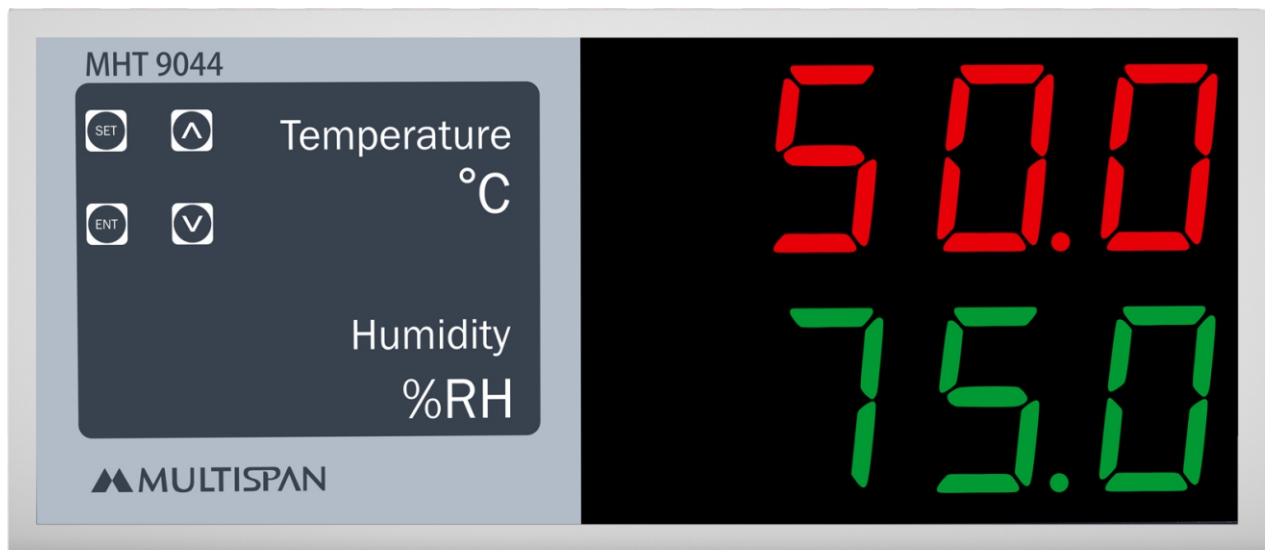




Technical Specification

- 1) Display : Upper: 4 digit, 7 segment RED LED display, Size- 2.25" (Show Temperature)
Lower: 4 digit, 7 segment GREEN LED display, Size- 2.25" (Show Humidity)
- 2) Size : 160 X 375 X 70 (H x W x D)
- 3) Input : 1) PT-100/3W
2) Humidity Sensor (RH-100SL)
- 4) Range : PT-100 : -50.0 To 200.0 °C
Humidity : 0.0 To 100.0% RH
- 5) Output : RS-485 Modbus
- 6) Power Supply : 100 To 250V AC, 50/60 Hz

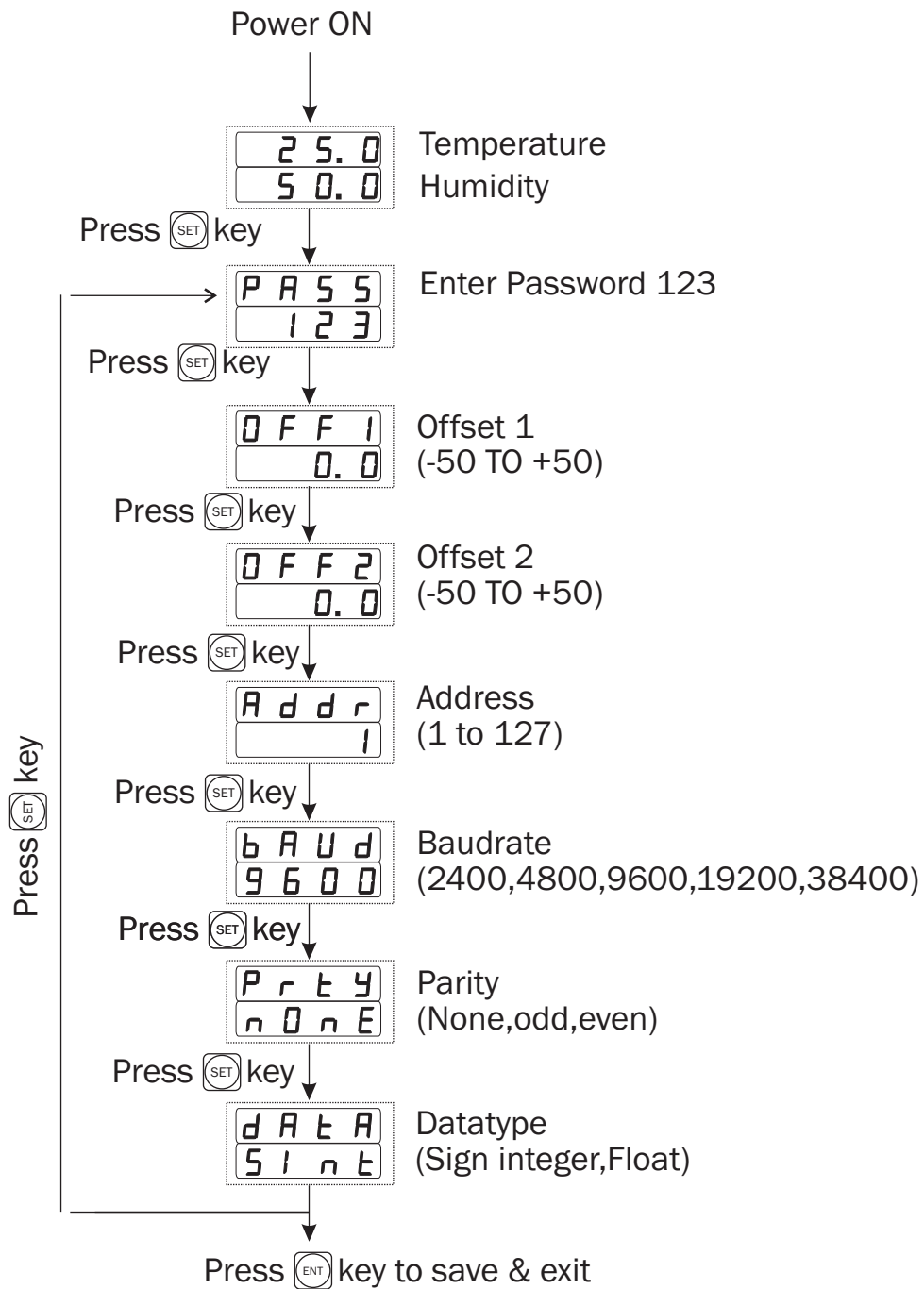
Note

Accurate Sensing of humidity is subject to proper mounting of humidity sensor as per application area. Please consult our support engineers if needed.

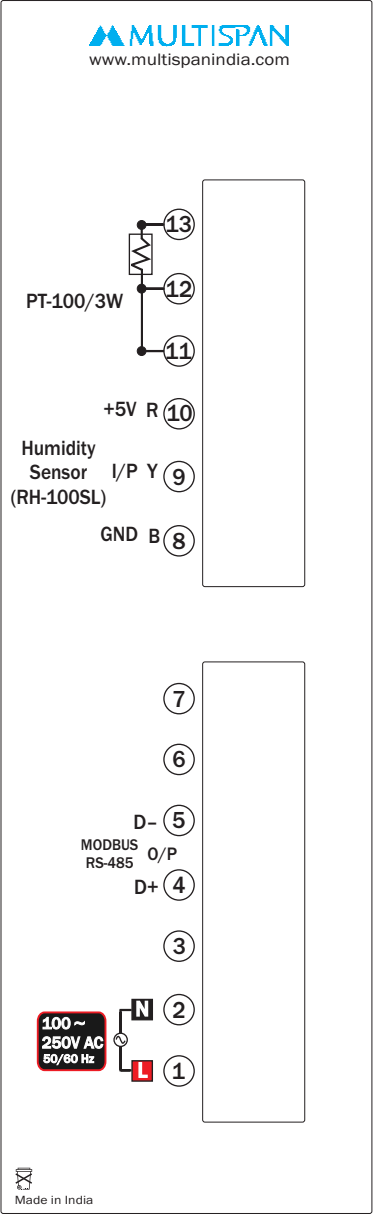
Working

- 1) Do all connection as shown in connection diagram and turn on the instrument.
- 2) Upper Display Show Temperature for PT-100 Sensor
- 3) Lower Display Show Humidity for Humidity Sensor

Parameter Setting



Connection Diagram



MODBUS

Salve Address :	1 to 127
Baudrate :	2400,4800,9600,19200,38400 bps
Parity :	None,Even,Odd
Datatype :	Sign integer, Float
Read Function Register :	0x03,0x04
Write Function Register :	0x10

Note :-

When Parameter 32100 = Parameter not available

Sr.No	Access Type	Parameter	Register	
			Data Type	
			Integer	Float
1	R	Temperature	0	0
2	R	Humidity	1	2
3	R/W	Offset 1	2	4
4	R/W	Offset 2	3	6
5	R/W	Address	4	8
6	R/W	Baudrate	5	10
		Selection		
		Value		
		2400		
		4800		
		9600		
		19200		
		38400		
7	R/W	Parity	6	12
		Selection		
		Value		
		None		
		Even		
		Odd		
8	R/W	Data Type	7	14
		Selection		
		Value		
		Integer		
		Float		

Data type = Integer, show value as per following

Parameter	Actual Value	DP Selected
Temperature, Humidity, offset	Value/10	Fix DP, DP=1

Product improvement and upgrade is a constant procedure. So for more updated operating information and Support, Please contact our helpline: +91-9978991474/76/82 or Email at marketing@multispanindia.co Ver:2007