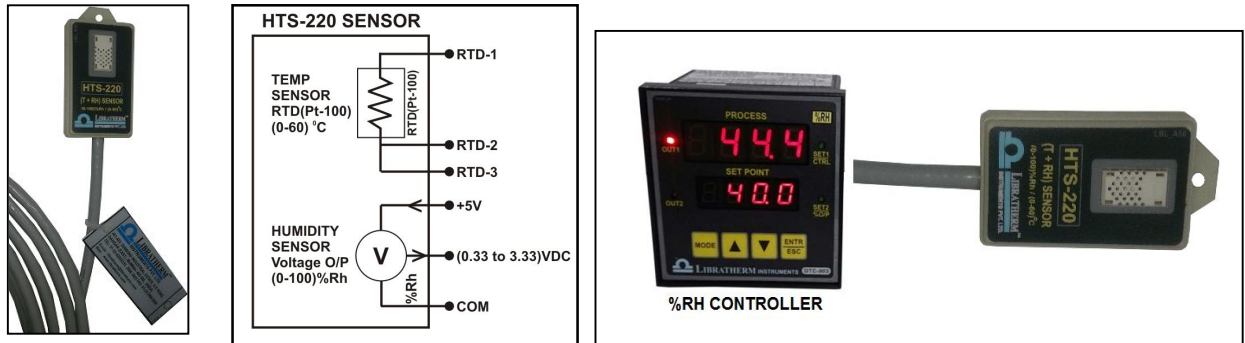


Humidity and Temperature Sensor (Model: HTS-220 / HS-220)



Model Wise Description:

Sr. No.	Model	Product Description	Size (hwd mm.)
1	HTS-220	Humidity & Temperature Sensor	60 x 35 x 15 mm.
2	HS-220	Only Humidity Sensor	60 x 35 x 15 mm.

Product Description:

Libratherm offers Economical, rugged, reliable and fairly accurate T + RH sensor (imported from Japan) model HTS-220 / HS-220 for measuring Temperature and Humidity in the atmosphere / environment / AHU or DHU Chamber. The sensor is easy to mount and comes with 2 meter PVC color coded multicore cable. The sensor is housed in a rugged ABS enclosure. For Indication purpose, external digital display can be used with calibrated scale as given below in the technical specifications.

Applications:

- ✓ HVAC / AHU / DHU
- ✓ Green House, Ware House, Server Room, Data Centre, Textile
- ✓ Pharma Labs, Stability Chamber, Humidifier, Dehumidifier etc...



Technical Specifications:

Item	(T + RH) Sensor (OEM version)
Model	HTS-220 (For Temp. & Humidity) / HS – 220 (For Humidity)
Input Sensor	For Temp.: Class A RTD Pt-100 sensor For %Rh : Capacitive Humidity sensor
Sensor Output	For Temperature: 100.00 Ohms to 123.24 Ohms (Temperature Coefficient – 0.00385 Ohms/Ohm/ad°C) For %Rh : 0.33Volt @ 10% Rh and 3.33Volt @ 100%Rh (Linear)
Sensor Supply	3.15VDC to 5.5VDC (max.) Low current consumption: Max.1mA.
Temp. Range	0 to 60°C
Temp. Accuracy	± 0.3 °C
Humidity Range	0 to 100%
Humidity Accuracy	+/- 3% @ 25 °C / 50% Rh
Type	Wall / Surface Mounted
Size	60 x 35 x 15mm (With suitable mounting holes)
Enclosure	ABS plastic Housing
Cable	2 meter PVC/PVC insulated multi-core cable with pin lugs.