Model 7210 Digital Humidity/Temperature Controller

Features

- Direct, accurate display of Humidity and Temperature
- Uses the classical Dry/Wet temperature sensing technique
- Sensors are sealed Platinum PT100 type in S.S. immune to atmosphere gases etc.
- No need of any look-up table as the embedded software accesses the table from the micro controller memory.
- A sturdy sensor body has in-built water reservoir with facility to connect a water-drip to ensure the wick never dries up.
- 4 Control outputs for Humidifier, De-humidifier, heater and cooler.

Specifications

- Display   : 2 Digits 0.56" RED 7 Segment LED for Humidity.
                       3 Digits 0.56" RED 7 Segment LED for Temperature
- Display Range   : 0-99% for Relative Humidity and 0-99.9˚C for Temperature
- Resolution   : 1% for Relative Humidity and 0.1˚C for Temperature
- Control Range   : 0 to 99% for Humidity (over temperature range 0 to 65˚C) and
                       0 to 99.9˚C temperature
- Accuracy   : ± 2% ± 1 Least Significant Digit for Humidity.
                       ± 0.2˚C ± 1 Least Significant Digit for Temperature
- Settings   : By front panel membrane touch switches.
- Control Output   : Humidifier   ON   for   RH   <   SET HUMID – 1%
                       De-humidifier ON   for   RH   >   SET HUMID + 1%
                       Heater   ON   for   Temp.   <   SET TEMP – 0.5%
                       Cooler   ON   for   Temp.   >   SET TEMP + 0.5˚C
- Control Relays   : 4 sets of NO-P-NC of 5A/220V AC contact rating
- Power Supply   : 230V AC ± 15% at 50/60Hz
- P.C. Interface   : RS-232 output available on extra cost.
- Mounting Type   : Panel Type
- Front Facia   : 96mm x 96mm
- Weight   : 1.2 Kgs.

Manufactured By: