

Model 7100 Digital Humidity/Temperature Indicator (Using DRY/WET PT100 sensor)



Features

- Direct display of Humidity & Temperature using the classical DRY/WET Electronic temperature Sensors
- No need of Look-Up table as the table is embedded in the micro-controller memory.
- Easy to calibrate & compare with Mercury in Glass thermometer systems.
- Sensors not contaminated by atmospheric gases etc. as the PT100 Sensors are sealed in steel tube.
- LED displays give visibility from a distance.

Specifications

- Display : 2 Digits 7 Segment LEDs 0.56" character height (For Humidity)
3 Digits 7 Segment LEDs 0.56" character height (For Temp.)
- Resolution : 1% For Relative Humidity &
0.1°C for Temperature
- Range : 0 to 99% Humidity and 0 to 99.9°C temperature
- Accuracy : $\pm 2\%$ for RH ± 1 Least Significant Digit.
 $\pm 0.2^\circ\text{C}$ for Temperature ± 1 Least Significant Digit.
- Sensors : 2 Nos. PT100 in sealed stainless steel tubing
- Power : 230V AC $\pm 15\%$
- Sensor Body : Casted Aluminum body with built-in water container facility to connect a water 'drip' also
- Water Wick : Made of pure cotton. To be used with preferably, distilled water, & slight air breeze
- Size : 96 mm Panel Mounting Cut-Out 92 x 92 mm
- Weight : 1.2 Kg (including sensor)