Humidity Sonsors (hygrometer)

9t senses, measures and reports both moisture and air temperature. The restion of moisture in the air to the highest amount of moisture at a particular our temperature is called relative humidity.

It work by detecting changes that after electrical currents or temperature in the ain. > Capacitive Types -> Resistive > Thermal 1 · Capacitive I have a minimum of the state o a thin strip of metal oxide between two 7 The metal oxide's electrical capacity charge with the atmosphere's relative humidity.

> Weather, commercial and industries are the major application areas. Later of Fire production of the second of the second · Resistive - price print that extremedian -> It utilize ions in salts to measure the electrical impedance of atoms. As humidity changes so do the resistance of the electroder on either side of the salt medium - Thermal was the state of the 7 Two mermal sensors conduct electricity based upon the humidity of the survioura ding air.

Dne sensor is encared in dry nitrogen while the other measures ambient air. The difference between the two measures the humidity.

Working. Working. It usually contain a humidity sensing element along with the thermister to me asure temp. · (Types). districti solital one a cromanten solo and kind > 9t is used for various applications for measuring humidity in HA MVAC systems, Printers, Fax machines, Weather stations, etc. food processing, refrigerators -> Due to there low cost and small size, resistive sensors are used in residential, Industrial and domestic application 7 Thermal conductors are commonly used in pharmaceutical plants, food dehydration, drying machiner etc.