5 Common Specifications of Environmental Sensors

Environmental sensors come in a variety of forms, including air flow, water, temperature, and a combination device for temperature and humidity, as well as many others. To operate, this kind of sensor attaches to a particular monitor that periodically logs data. However, thanks to **advanced environmental sensor technology**, it also alerts the user if set thresholds are not met.

As for the five most common specifications, these include:

1. Operating Distance for Temperature and Humidity

2. Wireless Capability

3. Calibration

4. Security

5. Battery Life

When looking at different environmental monitoring sensors, you need to consider each of these to ensure that you select the one device that best suits your needs.

Types of Environmental Sensors

The different types of sensors are impressive. For example, some measure elevation, temperature, humidity, pressure, true wind speed and direction, apparent wind speed and direction, and gust factor. Other options include pollen concentration, UV index, dew point, barometric pressure trend, heat index, and rainfall, among many other factors.

For the most accurate information, it is essential that you purchase a well-made sensor from a reputable source. The Comptus A70-H is a perfect example of an outstanding combination sensor that measures air temperature and humidity. This device provides an analog output signal in proportion to relative humidity. The information is displayed using a loop indicator. This device works alongside an electronic data collection system or for the input to control the system. You can also customize the controls by combining it with a meter relay.

The A70-HT sensor is another top choice, also for air temperature and humidity. In this case, a Permalloy RTD detects air temperature, whereas a thin film polymer capacitor sensor measures relative humidity. If you are interested in a

device capable of withstanding harsh environments, this sensor is ideal. The design includes a hydrophilic membrane that sits securely underneath a mesh screen to protect the relative humidity sensor.

For people who purchase sensors of this kind, accurate information is critical. Therefore, it is important for them to buy from a reputable and trusted source. If you are in the market for a sensor, make sure that you also choose a well-respected company, one that offers competitive pricing while standing behind every product sold. For these sensors and many others, we invite you to visit our Comptus website. To speak with someone one-on-one, call us. We look forward to serving you as a valued customer.

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