### Turbidity Sensor

**Function:** Turbidity detection for general low-viscosity, low-corrosive liquids (such as water).  
**Application:** Purification pond, swimming pool, river, coffee machine, aquaculture, dishwasher, industrial washing machine, etc.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply Voltage</td>
<td>5.0V (4.8~5.5V)</td>
</tr>
<tr>
<td>Typical Current</td>
<td>25mA</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>0~95%RH</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>4~85°C</td>
</tr>
<tr>
<td>Typical Power</td>
<td>125mW</td>
</tr>
<tr>
<td>Output</td>
<td>Analog Signal</td>
</tr>
<tr>
<td>Size</td>
<td>35.0<em>36.1</em>28.0mm</td>
</tr>
</tbody>
</table>

**Model:** AZDM10

### Anion Generator

**Function:** Sterilization, formaldehyde removal, dust removal and anti-allergy, deodorization and air purification.  
**Application:** Installed and applied as an additional module for air conditioners, air purifiers, automobiles, etc.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply Voltage</td>
<td>AC 220V</td>
</tr>
<tr>
<td>Max Current</td>
<td>5mA</td>
</tr>
<tr>
<td>Max Ozone</td>
<td>0.1mg/H</td>
</tr>
<tr>
<td>Anion Concentration</td>
<td>500000pcs/cc</td>
</tr>
<tr>
<td>Size</td>
<td>103.0<em>63.0</em>27.3mm</td>
</tr>
</tbody>
</table>

**Model:** NAC-6KA

### Dew Point Hygrometers

**Function:** Measure dew point, temperature and humidity.  
**Application:** High-precision dew point hygrometer, measurement and inspection instrument, military industry, aviation, university scientific research, meteorology, electronic and electricity, medicine and other industries.

#### Dew Point Transmitter

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring Range</td>
<td>-45~+85°C</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-40~+80°C</td>
</tr>
<tr>
<td>Humidity Accuracy</td>
<td>±1%±@20°C</td>
</tr>
<tr>
<td>Temperature Accuracy</td>
<td>±0.10°C</td>
</tr>
<tr>
<td>Size</td>
<td>128.0<em>26.0</em>26.0mm</td>
</tr>
</tbody>
</table>

**Model:** AHTT2820

#### Precision Dew Point Hygrometer

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring Range</td>
<td>-45~+85°C</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-45~+80°C</td>
</tr>
<tr>
<td>Humidity Range</td>
<td>4.41~100%RH@20°C</td>
</tr>
<tr>
<td>Dew Point Accuracy</td>
<td>±0.20°C</td>
</tr>
<tr>
<td>Temperature Accuracy</td>
<td>±0.05°C</td>
</tr>
</tbody>
</table>

**Models:** ACM483T-A, ACM483T-B
Temperature & Humidity Sensors

Widely applied in consumer electronics, medical, automotive, industry, meteorology and other fields, eg. household electronic products, consumer products, data loggers, humidity controller, testing and inspection equipment and other related temperature and humidity detection and control products, such as HVAC, dehumidifiers, purifiers and refrigerators, etc.

**RH&T Sensor Chip**
- **Supply Voltage**: 2.25V-5.5V
- **Humidity Range**: 0~100%RH
- **Temperature Range**: -40~+80°C
- **Humidity Accuracy**: ±2%RH (25°C)
- **Temperature Accuracy**: ±0.3°C
- **Output**: Digital PC
- **Size**: 12.0*12.0*1.8mm

**RH&T Sensor Module**
- **Supply Voltage**: 2.25V-5.5V
- **Humidity Range**: 0~100%RH
- **Temperature Range**: -40~+80°C
- **Humidity Accuracy**: ±2%RH (25°C)
- **Temperature Accuracy**: ±0.3°C
- **Output**: Digital PC
- **Size**: 44.6*20.1*13.0mm

**RH&T Sensor Chip**
- **Supply Voltage**: 2.25V-5.5V
- **Humidity Range**: 0~100%RH
- **Temperature Range**: -40~+80°C
- **Humidity Accuracy**: ±2%RH (25°C)
- **Temperature Accuracy**: ±0.3°C
- **Output**: Digital PC
- **Size**: 99.9*40.0*16.0mm

**RH&T Sensor Module**
- **Supply Voltage**: 2.25V-5.5V
- **Humidity Range**: 0~100%RH
- **Temperature Range**: -40~+80°C
- **Humidity Accuracy**: ±2%RH (25°C)
- **Temperature Accuracy**: ±0.3°C
- **Output**: Digital PC
- **Size**: 59.0*26.6*14.0mm

**RH&T Sensor Chip**
- **Supply Voltage**: 2.25V-5.5V
- **Humidity Range**: 0~100%RH
- **Temperature Range**: -40~+80°C
- **Humidity Accuracy**: ±2%RH (25°C)
- **Temperature Accuracy**: ±0.3°C
- **Output**: Digital PC
- **Size**: 5.0*17.7*6.0mm

Gas Sensors

Widely applied in smart humidity control for air purifiers, microwave ovens, ovens. On-site humidity detection for other home appliances, smart home devices, fresh air ventilation systems, air quality monitoring equipment, industrial measurement, physical and chemical instruments, steam baths, etc. It can detect contamination and a variety of harmful gases.

**Steam Sensor**
- **Supply Voltage**: 4.75~5.25V
- **Storage Humidity**: 20~60%RH
- **Humidity Range**: 0~100%RH
- **Output Character**: 250Ω±10Ω (+0.5% ±2.5%)
- **Accuracy**: ±2%RH (25°C)
- **Size**: 25.0*12.7*9.0mm

**Integrated TVOC Chip**
- **Supply Voltage**: 3.3V
- **Current**: <30mA
- **Detection Concentration**: 0.1ppm or grade output
- **Output**: Digital PC
- **Size**: 4.0*3.1*0.7mm

**Integrated TVOC Chip**
- **Supply Voltage**: 3.3V
- **Current**: <30mA
- **Detection Concentration**: 0.1ppm or grade output
- **Output**: Digital PC
- **Size**: 23.2*12.0*1.8mm

**Environmental Monitoring Box**
- **Supply Voltage**: 5.0V DC
- **Measuring Range**: 0~100ppm
- **Accuracy**: ±5% (0~100ppm)
- **Output**: 485, RS485, UART
- **Size**: 92.5*51.0*16.7mm

**Carbon Monoxide Sensor**
- **Supply Voltage**: 5.0V DC
- **Measuring Range**: 0~100ppm
- **Accuracy**: ±5% (0~100ppm)
- **Response time (<T90)**: 15s
- **Output**: 485, UART
- **Size**: 12.0*17.2*1.8mm

**Mass Flow Meter**
- **Supply Voltage**: 5.2V
- **Measuring Range**: 0~200L/min
- **Accuracy**: ±2%FS (5%FS)
- **Response time**: 5s
- **Output**: 485, UART
- **Size**: 98.1*119.5*25.0mm

**Wind Speed Sensor**
- **Supply Voltage**: 5.0V
- **Measuring Range**: 0~99m/s
- **Accuracy**: ±2%FS (5%FS)
- **Response time**: 5s
- **Output**: 485, UART
- **Size**: 12.0*119.5*25.0mm

Flow Sensors

Suitable for flow sensor control, medical physiotherapy application instrument, gas flow monitoring, special technology cigarette, perfumery gas ratio control, industrial packaging inflation and food preservation, electronic SMT production and semiconductor chemical electronic equipment, intelligent automatic switches and mechanical fields, industrial development laboratory applications, etc.

**RH&T Sensor**
- **Supply Voltage**: 2.25V-5.5V
- **Humidity Range**: 0~100%RH
- **Temperature Range**: -40~+80°C
- **Humidity Accuracy**: ±2%RH (25°C)
- **Temperature Accuracy**: ±0.3°C
- **Output**: Digital PC
- **Size**: 23.3*12.0*5.8mm

**AM2305B**
- **Supply Voltage**: 3.3~5.5V
- **Humidity Range**: 0~100%RH
- **Temperature Range**: -40~+80°C
- **Humidity Accuracy**: ±2%RH (25°C)
- **Temperature Accuracy**: ±0.3°C
- **Output Digital PC**: 4.0*3.1*0.7mm

**AMS2106**
- **Supply Voltage**: 3.3~5.5V
- **Humidity Range**: 0~100%RH
- **Temperature Range**: -40~+80°C
- **Humidity Accuracy**: ±2%RH (25°C)
- **Temperature Accuracy**: ±0.3°C
- **Output Digital PC**: 23.2*12.0*1.8mm

**AMS2108**
- **Supply Voltage**: 4.75~5.25V
- **Humidity Range**: 0~100%RH
- **Temperature Range**: -40~+80°C
- **Humidity Accuracy**: ±2%RH (25°C)
- **Temperature Accuracy**: ±0.3°C
- **Output Digital PC**: 96.9*40.0*16.0mm

**AMS1001**
- **Supply Voltage**: 5.0V
- **Measuring Range**: 0~30m/s
- **Accuracy**: ±3%FS (5%FS)
- **Response time (<T90)**: 5s
- **Output**: 485, UART
- **Size**: 98.1*119.5*25.0mm

**AMS1002**
- **Supply Voltage**: 5.0V
- **Measuring Range**: 0~99m/s
- **Accuracy**: ±2%FS (5%FS)
- **Response time**: 5s
- **Output**: UART
- **Size**: 98.1*119.5*25.0mm

**AO-07**
- **Display**: 5.0V
- **Humidity Accuracy**: ±3%FS (5%FS)
- **Temperature Accuracy**: ±2.5%(Typical)
- **Current**: 12~24V
- **Size**: 95*71*22.0mm

**AO-25**
- **Display**: 5.0V
- **Humidity Accuracy**: ±3%FS (5%FS)
- **Temperature Accuracy**: ±2.5%(Typical)
- **Current**: 12~24V
- **Size**: 95*71*22.0mm

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