



FLOW

| 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.



Turbidity Sensor

Supply Voltage: 5.0V(4.8~5.5V)
 Typical Current: 25mA
 Operating Humidity: 0~95%RH
 Operating Temperature: 4~85 C
 Typical Power: 125mW
 Output: Analog Signal
 Size: 35.0*36.1*28.0mm

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.



Anion Generator

Supply Voltage: AC 220V
 Max Current: 5mA
 Max Ozone: 0.1mg/H
 Anion Concentration: 5000000pcs/cc
 Size: 103.0*63.3*27.3mm

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

Measuring Range: 4.5~99%@20°C
 Temperature Range: -40~+80 C Humidity
 Accuracy: ±1%@<90%RH Temperature
 Accuracy: ±0.10°C Size: 128.0*26.0*26.0mm

AHTT2820



Precision Dew Point Hygrometer Dew

Point Measuring Range: -45~+85°C Temperature
 Range: -45~+90C
 Humidity Range: 0.31~100%RH@20 C Dew Point
 Accuracy: ±0.15 °C (°) Temperature Accuracy:
 ±0.05 C (°)

ACM483T-A



Precision Dew Point Hygrometer Dew

Point Measuring Range: -20~+85°C Temperature
 Range: -45~+90 C
 Humidity Range: 4.41~100%RH@20°C Dew Point
 Accuracy: ±0.20 C (°) Temperature Accuracy:
 ±0.10°C (°)


ACM483T-B

Product Catalog

Expert for Smart Sensors & IoT Solutions


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: 2.2-5.5V Humidity Range: 0-100%RH Temperature Range: -40-+85 C Humidity Accuracy: ±2%RH(25 °C) Temperature Accuracy: ±0.3 °C Output: Digital FC Size: 3.0*3.0*1.0mm

AHT20



RH&T Sensor Chip
 Supply Voltage: 2.2-5.5V Humidity Range: 0-100%RH Temperature Range: 40-+120C Humidity Accuracy: ±2%RH(25°C) Temperature Accuracy: ±0.3 °C Output: Digital TO Size: 3.0*3.0*0.8mm

AHT21



RH&T Sensor Module
 Supply Voltage: 2.2-5.5V Humidity Range: 0-100%RH Temperature Range: -40-+80 C Humidity Accuracy: ±2%RH(25 C) Temperature Accuracy: ±0.3 °C Output: Digital FC Size: 5.0*17.7*2.0mm

AHT25



RH&T Sensor Module
 Supply Voltage: 2.2-5.5V Humidity Range: 0-100%RH Temperature Range: -40-+80C Humidity Accuracy: ±3%RH(25 C) Temperature Accuracy: ±0.5 °C Output: Digital FC Size: 12.0*12.0*1.8mm

AHT21B



RH&T Sensor Module
 Supply Voltage: 2.2-5.5V Humidity Range: 0-100%RH Temperature Range: -40-+80 °C Humidity Accuracy: ±3%RH Temperature Accuracy: NTC±1% Output: 0-3V Analog voltage signal Size: 44.6*20.1*13.0mm

AM2108




RH&T Sensor Module
 Supply Voltage: 2.2-5.5V Humidity Range: 0-100%RH Temperature Range: -40-+80 C Humidity Accuracy: ±2%RH(25 C) Temperature Accuracy: ±0.3 °C Output: Digital FC Size: 21.5*8.6*6.1 mm

AM2108




RH&T Sensor Module
 Supply Voltage: 2.2-5.5V Humidity Range: 0-100%RH Temperature Range: -40-+80 C Humidity Accuracy: ±3%RH(25 C) Temperature Accuracy: ±0.5 °C Output: Digital FC Size: 23.3*12.6*5.8mm

DHT20(DHT11 Upgrade)




RH&T Sensor Module
 Supply Voltage: 3.3-5.5V Humidity Range: 0-99.9%RH Temperature Range: -40-+80 C Humidity Accuracy: ±2%RH Temperature Accuracy: ±0.3 °C Output: 1-Wire Size: 14.7*7*13.6*0.7*0.8mm

AM2301B




RH&T Sensor Module
 Supply Voltage: 2.2-5.5V Humidity Range: 0-100%RH Temperature Range: -40-+80 C Humidity Accuracy: ±2%RH(25 C) Temperature Accuracy: ±0.3 C Output: Digital FC Size: 9.9*4.0*0.16.0mm

AM2315C




RH&T Sensor Module
 Supply Voltage: 3.3-5.5V Humidity Range: 0-99.9%RH Temperature Range: -40-+80 C Humidity Accuracy: ±3%RH Temperature Accuracy: ±0.5 °C Output: 1-Wire Size: 9.9*4.0*0.16.0mm

AM2305B



-4#.

AM1011A



RH&T Sensor Module
 Supply Voltage: 2.2-5.5V Humidity Range: 0-100%RH Temperature Range: -40-+80 C Humidity Accuracy: ±2%RH(25 C) Temperature Accuracy: ±0.3 C Output: Digital FC Size: 9.9*4.0*0.16.0mm

AM2315C

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 equipments, 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: 20-80%RH Storage Temperature: -40-+85 °C Humidity Accuracy: ±10% Output Character: 2300±100 (+25 C, 7g/m³→+50 C, 50g/m³) Size: 25.0*12.7*830.0mm

AHS011B



Integrated TVOC Chip
 Supply Voltage: 3.0V Supply current: <30mA Detection Concentration: 0-100PPM or grade output Output: Digital FC Size: 4.0*5.0*1.7mm

AGS10



Integrated TVOC Chip
 Supply Voltage: 3.3-5.5V Measuring Range: 0-99999ppb Typical Accuracy: 30% F.S (25 °C 50%RH) Output: TO Slave Mode Size: 23.2*12.5*6.0mm

AGS02MA



Infrared CO₂ Sensor
 Supply Voltage: 4.75-5.25V Operating Current: <45mA Typical Power: 225mW@5V Measuring Range: 400-5000ppm Accuracy: ±(50ppm+5%read) Size: 30.0*16.2*13.5mm

ACD10



Environmental Monitoring Box
 Supply Voltage: 5.0V DC Operating Current: 140mA@5V Operating Humidity: 5-80%RH Operating Temperature: 10-50°C Preheat Time: >120s Output: RS485/UART Size: 82.5*51.0*16.7mm

AEM1000




Full Range Oxygen Sensor
 Output Voltage: 9-13mV(in Air) Measuring Range: 0-100% O₂ Operating Temperature: 0-50 °C Operating Humidity: 0-99%RH Response time(T₉₀): <15s Connector: RJ19-4P4C Size: 43.0*29.2*29.2mm

AO-07

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 preservative, electronic SMT production and semiconductor chemical electronic equipment, intelligent automatic switches and mechanical fields, industrial development laboratory applications, etc.



Micro Flow Sensor
 Supply Voltage: 5.0V Operating Temperature: -25-+80 C Measuring Range: 0-200scm Accuracy: ±3-±5%F.S Output: Digital /Analog voltage sign; Size: 54.0*31.0*15.0mm

AFS01



Mass Flow Meter
 Measuring Range: 0-200L/min Accuracy: ±(2.0+0.5F.S) % Repeatability: 0.5 % Response time: <2s Size: 98.0*119.2*28.5mm

AMS2106



Mass Flow Meter
 Supply Voltage: 9-24V Measuring Range: 0.5-200L/min Accuracy: ±2%RD Operating Temperature: -10-+60 °C Output: 485, NPN(2) Display: LCD Size: 98.6*50.0*83.4mm

AMS1000



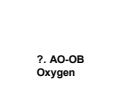
Laser Particle Matter Sensor
 Supply Voltage: 4.75-5.25V Operating Current: 50mA Measuring Range: 0.3-10pm Accuracy: ±15pg/m³(0-100pg/m³) ±15% read(100-1000pg/m³) Operating Temperature: -10-+50 °C Size: 49.0*31.5*10.8mm

APM10



Full Range Oxygen Sensor
 Output Voltage: 9-13mV(in Air) Measuring Range: 0-100% O₂ Operating Temperature: 0-50 °C Operating Humidity: 0-99%RH Response time*: <15s Connector: Molex 3Pin Size: 38.5*29.2*29.2mm

AO-02



Full Range Oxygen Sensor
 Output Voltage: 9-13mV(in Air) Measuring Range: 0-100% O₂ Operating Temperature: 0-50 °C Operating Humidity: 0-99%RH Response time(T₉₀): <15s Connector: 3.5mm Headset Size: 41.5*29.2*29.2mm

AO-03

AO-08

AO-09

AO-07

AO-08

AO-09

AO-07



Air Flow Sensor
 Supply Voltage: 5.0V Operating Temperature: 0-50 °C Measuring Range: -200-+200SLM Accuracy: ±1.5%(Typical) Certification: RoHS and REACH Size: 82.0*31.5*26.0mm

AFM3000




Digital Differential Pressure Sensor
 Supply Voltage: 5V Measuring Range: 0-500Pa Zer Point Accuracy: 1.5%kmV/0.2%F.S Response Time: 6.6-10.1 ms Output: r or Voltage Signal Size: 30.0*22.0*44.0mm

ADP1108-R



Wind Speed Sensor
 Supply Voltage: 12-24V Measuring Range: 0-30m/s Operating Temperature: -10-+45 °C Humidity Accuracy: 5-95%RH Response time(T₉₀): 1.5s Size: 172.8*30.0*30.0mm

AFS1100




Carbon Monoxide Sensor
 Measuring range: 0-500ppm Max measurement: 1000ppm Sensitivity: >15nA/ppm Response time (T₉₀): <45s(25 C) Repeatability: £5% output Resolution: 1ppm Size: 20.6*20.2*20.2mm

ACM2000



Oxygen Sensor
 Output current: 0.1 ±0.03mA(in Air) Measuring Range: 1-25% O₂ Operating Temperature: 0-50 °C Operating Humidity: 5-99%RH Response time(T₉₀): <15s Size: 16.5*20.2*20.2mm

AO-03



Full Range Oxygen Sensor
 Output Voltage: 9-13mV(in Air) Measuring Range: 0-100% O₂ Operating Temperature: 0-50 °C Operating Humidity: 0-99%RH Response time(T₉₀): <15s Connector: 3PIN-2.54mm Size: 41.5*29.2*29.2mm

AO-09

AO-08

AO-09

AO-07

AO-08

AO-09

AO-07




Air Flow Sensor
 Supply Voltage: 5.0V Operating Temperature: 0-60 °C Measuring Range: -10-+200SLM Accuracy: ±2.5%(Typical) Certification: RoHS and REACH Size: 82.0*31.5*26.0mm

AFM3020



Digital Differential Pressure Sensor
 Supply Voltage: 3.3V Measuring Range: -500-+500Pa Zero Point Accuracy: 0.25Pa Measurement Accuracy: 3%(Read) Output: Digital FC Size: 10.0*8.5*8.5mm

ADP1000



Mass Flow Meter
 Supply Voltage: 9-24V Measuring Range: 0.5-25L/min Accuracy: ±3%F.S Operating Temperature: -10-+60 °C Output: 485, NPN(2), PWM Display: LCD Size: 66.1*44.3*18.0mm

AFM725