

Turbidity Sensor

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

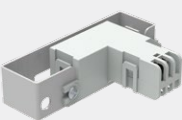


AZDM10

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

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.



NAC-6KA

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


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.




AHTT2820

Dew Point Transmitter
Measuring Range: 4.5~99%
Temperature Range: -40~+80 ℃
Humidity Accuracy: ±1%
Temperature Accuracy: ±0.10 ℃
Size: 128.0*26.0*26.0mm



ACM483T-A

Precision Dew Point Hygrometer
Dew Point Measuring Range: -45~+85 ℃
Temperature Range: -45~+90 ℃
Humidity Range: 0.31~100%RH
Dew Point Accuracy: ±0.15 ℃ (*)
Temperature Accuracy: ±0.05 ℃ (*)



ACM483T-B

Precision Dew Point Hygrometer
Dew Point Measuring Range: -20~+85 ℃
Temperature Range: -45~+90 ℃
Humidity Range: 4.41~100%RH
Dew Point Accuracy: ±0.20 ℃ (*)
Temperature Accuracy: ±0.10 ℃ (*)

ASAIR

MEMS IDM



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.




AHT20

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 I²C
Size: 3.0*3.0*1.0mm




AHT21

RH&T Sensor Chip
Supply Voltage: 2.2~5.5V
Humidity Range: 0~100%RH
Temperature Range: -40~+120 °C
Humidity Accuracy: ±2%RH(25 °C)
Temperature Accuracy: ±0.3 °C
Output: Digital I²C
Size: 3.0*3.0*0.8mm



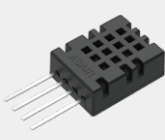
AHT25

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 I²C
Size: 5.0*17.7*2.0mm




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(25 °C)
Temperature Accuracy: ±0.5 °C
Output: Digital I²C
Size: 12.0*12.0*1.8mm




DHT20(DHT11 Upgrade)

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 I²C
Size: 23.3*12.6*5.8mm




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 I²C
Size: 59.0*26.6*14.0mm




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 I²C
Size: 21.5*8.6*6.1mm




AM2315C

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 I²C
Size: 99.9*40.0*16.0mm



AM2305B

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: 99.9*40.0*16.0mm




AM2306

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: 147.7*136.0*70.8mm

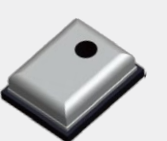
Gas Sensors

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.



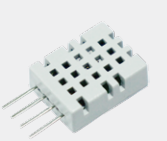
AHS011B

Steam Sensor
Supply Voltage: 4.75~5.25V
Storage Humidity: 20~60%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



AGS10

Integrated TVOC Chip
Supply Voltage: 3.0V
Supply current: <30mA
Detection Concentration: 0~100PPM
or grade output
Output: Digital I²C
Size: 4.0*5.0*1.7mm



AGS02MA

Integrated TVOC Chip
Supply Voltage: 3.3~5.5V
Measuring Range: 0~99999ppb
Typical Accuracy: 30% F.S
(25 °C 50%RH)
Output: I²C Slave Mode
Size: 23.2*12.5*6.0mm



ACD10

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



APM10

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



AEM1000

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



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: Molex 3Pin
Size: 38.5*29.2*29.2mm



AO-07

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: RJ9-4P4C
Size: 43.0*29.2*29.2mm



AO-08

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

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-09

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

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.



AFS01

Micro Flow Sensor
Supply Voltage: 5.0V
Operating Temperature: -25~+80 °C
Measuring Range: 0~200sccm
Accuracy: ±3~±5%F.S
Output: Digital I²C/Analog voltage signal
Size: 54.0*31.0*15.0mm



AFM3000

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



AFM3020

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



AMS2106

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



ADP1108-R

Digital Differential Pressure Sensor
Supply Voltage: 5V
Measuring Range: 0~500Pa
Zero Point Accuracy: 1.5%mv/0.2%F.S
Response Time: 6.6~10.1ms
Output: I²C or Voltage Signal
Size: 30.0*22.0*44.0mm



ADP1000

Digital Differential Pressure Sensor
Supply Voltage: 3.3V
Measuring Range: -500~+500Pa
Zero Point Accuracy: 0.25Pa
Measurement Accuracy: 3%(Read)
Output: Digital I²C
Size: 10.0*8.5*8.5mm



AMS1000

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



AFS1100

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: 172.6*30.0*30.0mm



AFM725

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



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