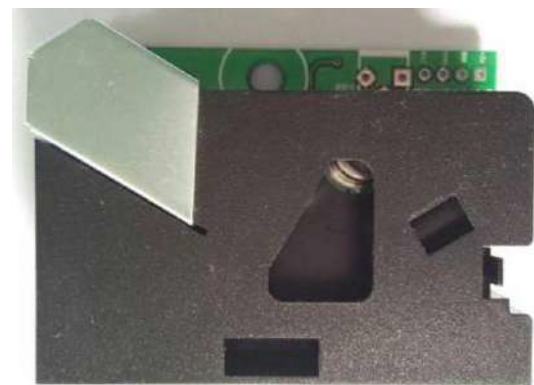


PARTICLES SENSOR-MANUAL, Code :(ZPH01)

This sensor adopts advanced PM2.5 detection technology to detect PM2.5. PM2.5 detection adopts particle coulter principle to detect the particles ; diameter $\geq 1\mu\text{m}$. Before delivery, the sensor has been aged, debugged, calibrated and has good consistency and high sensitivity. It has the PWM signal output, and it can be configured to be UART digital serial interface and customized IIC interface.

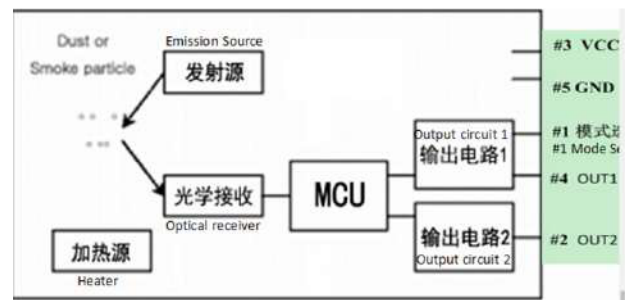
General Attributes

- Model : ZPH01
- Working voltage range : 5±0.2 V DC
- Output : PWM /UART
- Detection ability for : Bakelite, Metal cap
PM2.5 particle
- Warm-up time : ≤5min
- Detection Range for particles : 140±20mA
- Working Current : ≤150mA
- Humidity range Storage : ≤90%RH
Working : ≤90%RH
- Temperature range Storage: -20 °C 50°C
Working : 0°C 50°C
- Size : 59.47×44.5×20mm



Application Notes

Air refresher, air conditioner, ventilating device, monitor equipment for environment, smoke alarm &etc.



Wiring diagram

For further information please visit : <https://goo.gl/3kntli>