

CW-059型负温探测传感器**CW - 059 Negative Temperature Detection Sensor****1. 工作原理**

利用薄膜热敏电阻器将温度转换为可变电阻量，再由单片机采样并输出数字信号。

2. 特点

直接输出数字信号便于微机测控系统使用。灵敏度、测温精度高。探头具有小电压，小电流(5V/5mA),防静电,满足防爆要求。

3. 应用范围

广泛应用于国防、化工、石油、轻工、机械、农林等行业的温度检测与测量。

**1. Working Principle:**

Converting temperature into a variable resistance by thin film thermistor, sampled again by singlechip output digital signal.

2. Characteristic:

The output digital signal is convenient for microcomputer control system. It has high sensitivity, temperature measurement precision. Probe with small voltage, low current (5 v / 5 ma), anti-static, satisfies the requirement of explosion protection.

3. Application:

It is widely used in detection and temperature measurement of national defense, chemical, petroleum, light industry, machinery, and agriculture and forestry industry etc.