

CUY-078型绝对压力传感器**CUY - 078 Absolute Pressure Sensor****1. 工作原理**

CUY-078型绝对压力传感器主要由压力敏感元件、调理电路组成。压力敏感元件利用陶瓷压阻式原理，采用厚膜技术工艺制作。压力敏感元件将压力信号转换成电信号，再经调理电路将此信号处理成所要求的标准信号。

2. 特点

该传感器具有高电平输出、工作可靠、工作温度范围宽、抗过载能力强、抗振动冲击、耐恶劣环境及小型化等特点。

3. 应用范围

用于发动机控制系统气流压力的测量。

1. Working Principle

CUY - 078 type absolute pressure sensor is made up of pressure sensitive element and regulate circuit. pressure sensor element adopts ceramic piezoresistive principle and thick film production technology. Pressure sensitive element converts the pressure signal into electrical signal, and output required standard signal through conditioning circuit.

2.Characteristic:

The sensor has characteristics of high level output, reliable operation, wide working temperature range, strong anti-overload ability, anti-vibrating and impact, anti-Harsh environment and miniaturization.

3.Application:

It is used in pressure measurement in engine control system.



图 Picture CUY-078