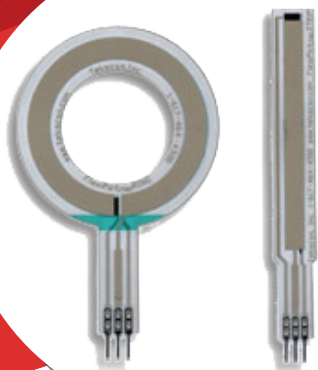




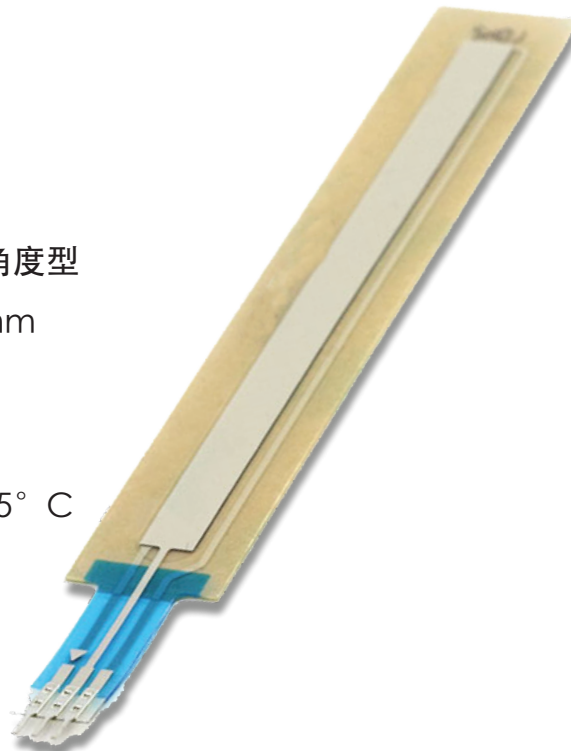
位置传感器

位置传感器的原理是通过检测物体运动,将其转换为适合处理、传输或控制的信号,以确定物体位置。该传感器不仅确认位置,还能测量运动轨迹,速度,方向和距离。

捷卡通过精密银印刷工艺,为客户提供定制化的薄膜位置传感器,帮助客户实现智能化过程控制和质量监控。其具有超薄,耐用,高分辨率,易于安装等特点,目前已在医疗、工业等领域广泛应用。

基本规格

- ▶ 厚度: $\geq 0.5\text{mm}$
- ▶ 几何形式: 直线型, 旋转型, 角度型
- ▶ 测量全行程: 360° 或者 200mm
- ▶ 阻值: $\leq 200\text{K}\Omega$
- ▶ 响应时间: $< 10\text{ms}$
- ▶ 工作和储存温度范围: $-40\sim+85^\circ\text{C}$
- ▶ 电源: $5\text{V}, 12\text{V}, 24\text{V}$
- ▶ 电信号输出: $0\sim 10\text{V}, 4\sim 20\text{mA}$
- ▶ 寿命: > 1 百万次



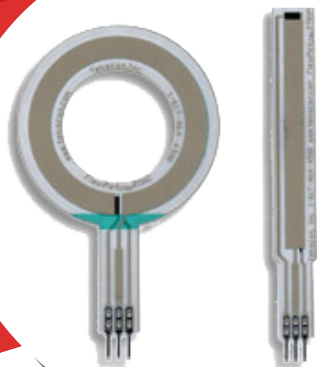
主要特点

- ▶ 薄且柔软
- ▶ 轻便
- ▶ 易安装
- ▶ 高分辨率
- ▶ 低成本
- ▶ 定制化

应用领域

- ▶ 工业
- ▶ 医疗
- ▶ 汽车
- ▶ 物联网





Position Sensors

A Position Sensor is a device that can detect the movement of an object and convert it into electrical signals. It further detects motion, speed, direction or distance of a target. Ideal Jacobs provides highly customized film position sensors with the fine line silkscreen printing solution. We help our customers accomplish smart process control and quality monitoring. With the features of being ultra-thin but highly durable, high-resolution and easy to install, Ideal Jacobs film position sensors can be widely applied in medical and industrial segments.

Specification

- ▶ Thickness: $\geq 0.5\text{mm}$
- ▶ Sensor Type: Linear, Rotary or Angular
- ▶ Measurement distance : 360° in angle or 600mm in linear
- ▶ Resistance: $\leq 200\text{K}\Omega$
- ▶ Response time: $< 10\text{ms}$
- ▶ Stock & Operation temperature: $-40\sim+85^\circ\text{C}$
- ▶ Power – 5V, 12V, 24V
- ▶ Output Current– 0-10V, 4-20mA
- ▶ Life time: > 1 million

Key Features

- ▶ Thin & Flexible
- ▶ Light-weight
- ▶ Easy to install
- ▶ High resolution
- ▶ Cost-effective
- ▶ Customizable

Application

- ▶ Industrial
- ▶ Medical
- ▶ Automotive Industry
- ▶ Internet of Things (IoT)

