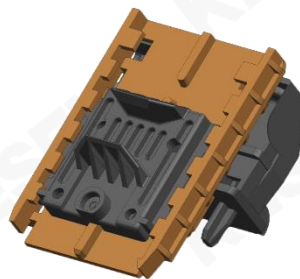


# 驻车位置传感器

## Parking Position Sensor



### 产品介绍 Product Description

该产品是基于霍尔原理而设计的，安装于变速箱中用于检测档位信息的驻车位置传感器。

The product is designed based on Hall principle and is installed in the transmission to detect the parking position sensor of gear information.

### 产品特征及优势 Feature and Benefits

- 工作温度范围广，为-40-150℃。  
The working temperature range is - 40-150 °C.
- 密封、磁操作的非接触式传感，使用寿命长，可靠性高。  
Hermetically sealed, magnetically operated non-contact sensing gives excellent life and reliability.
- 坚固的结构使该传感器非常适合恶劣环境。  
Robust construction makes this sensor well suited to harsh environments.
- 高精度。  
High Accuracy.
- 根据客户要求，多种量程可定制。  
According to customer requirements, a variety of ranges can be customized.

### 产品应用 Product Application

用于检测变速箱档位信息，提供驻车位置信息给控制器。

Used to detect transmission gear position information and send the parking position signal to TCU.

### 操作 Operation

#### 基本原理 Basic Principle

该传感器采用霍尔效应芯片，可根据外部磁场的变化输出对应的高低电平信号，TCU端根据不同信号的组合判断当前档位信息。

The sensor uses hall effective chips to generate outputs of high-level and low-level voltage signals according to the change of external magnetic field. The TCU can judge the current gear position according to park position sensor signal with other sensor inputs.

#### 连接选项 Connection Options

根据客户选择定制连接系统。

Customized to customer choice of connection system.

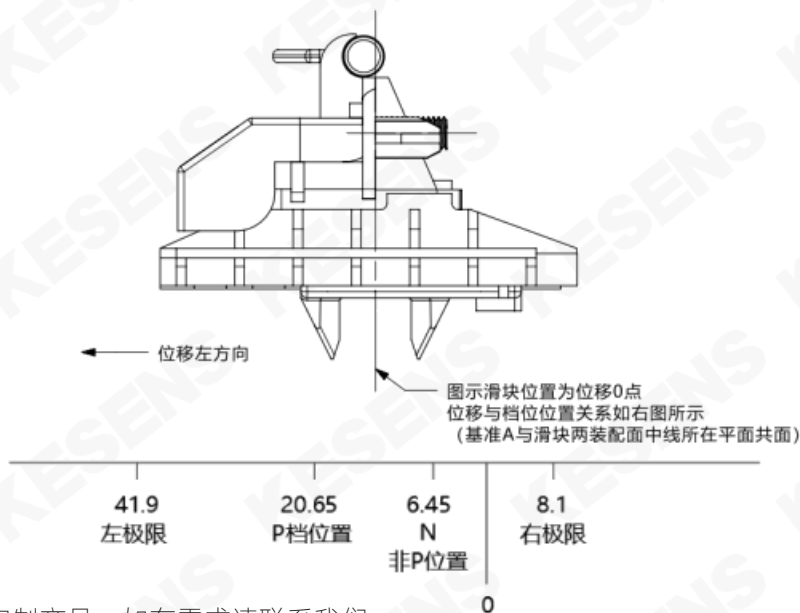
## 包装选项 Packaging Options

可提供定制包装以满足任何需要，请联系KESENS技术部了解详情。

Custom packaging can be provided to meet any need, please contact KESENS Engineering for details.

## 技术参数 Technical Characteristics

参数PARAMETER	最小值MIN.	额定值NOM.	最大值MAX.	单位UNITS	备注COMMENT
工作温度 TEMPERATURE RANGE	-40		150	°C	
供电电压 SUPPLY VOLTAGE	8	8.5	9	V	
供电电流 SUPPLY CURRENT			4	mA	
低电平信号 LOW LEVEL SIGNAL	0.33		0.91	V	
高电平信号 HIGH LEVEL SIGNAL	5.4		6.3	V	
输出上升时间 OUTPUT RISE TIME			100	us	
输出下降时间 OUTPUT FALLING TIME			20	us	
上电时间 POWER ON TIME		25		us	



可根据客户需求定制产品，如有需求请联系我们。

Customized products available upon request. Contact us for details.

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