

# E-Bike Five-Pole Pedal Assist Sensor

This five-pole pedal assist sensor is designed for electric bicycles. It accurately measures the pedal cadence and assists the motor control system in providing appropriate power output, enhancing the riding experience.



## Overview

### Precision Pedal Assistance

The E-Bike Five-Pole Pedal Assist Sensor (PAS) is a high-performance component designed to enhance the electric bicycle riding experience. By accurately measuring pedal cadence, it allows the motor control system to provide smooth and efficient power output synchronized with the rider's effort. Its robust construction and universal design make it a reliable choice for various electric bike and scooter configurations.

## Technical Specifications

### Pole Configuration

**5 Poles**

Magnetic Poles

Model Number	SZFJ-1
Sensor Type	Pulse Pedal Assistant Sensor (PAS)

## Compatibility & Application

Suitable For	Electric Bicycles, E-Bikes, Electric Scooters
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## Design & Construction



The SZFJ-1 sensor kit including the magnetic disc and mounting hardware for electric bicycle integration.

### Included Components

- Sensor unit with integrated mounting bracket
- Slotted magnetic disc with multiple mounting points
- Black insulated cable
- Electrical connector

### Build Materials

- Robust black plastic enclosure
- Durable metal mounting bracket

## Functionality

### Key Benefits

- Accurate cadence measurement
- Smooth power assistance integration
- Easy integration into existing electrical systems
- Enhanced riding efficiency