

Gear Sensor/Shift Sensor for eBike

◆ Introduction

This is a sensor patented by RisunMotor which can detect the action when rider shifted the gear on bike, a signal will be generated immediately and cut the power during gear shifting process. It can help rider to avoid some problems like chain or derailleur damaged also can bring some smooth shifting feeling to rider, it can widely be used for middle motor drive system ;

◆ Specification

Operating voltage	4-5.5 VDC
Current consumption	15ma
Signal Output	Pulse duration 0.5s
Protection circuit	Short Circuit & Polarity Reversed Protection,
Housing material	Intensive ABS
Protection	IP67
Operating temp/hum	-2 5 ~ +70 ; 35% 85 % RH
Size(L*W*H)	47mm * 18mm * 12mm

◆ Install

1. If your Bafang controller already has this cable, then just need to plug them.
2. If your Bafang controller has no such cable, then need to use Y splitter cable to connect with brake.

