

● Description

Chain or gear will be broken easily at Mid-motor drive system if system can not cut power on time during gear-changing process .

Newest In-Line Shift sensor can solve that problem properly, this sensor can be fixed on derailleur cable ,a signal will transfer to system from sensor at gear-changing process , control system cut-off the power according to this signal , the main feature is smaller size ,easily to fix, high sensitivity.

在中置电机实际应用中，非常容易导致链条断裂和大齿盘损坏，本传感器的退出，可以完美解决此问题，当换挡时，传感器将信号传输到控制系统，控制根据此信号，降低或切断电机输出，保护链条和大齿盘免受损坏。



● 技术参数Specification

型号Mode	: SS-01/SS-02
电源Power	: 5V/1mA
信号Signal	: Pulse (See Reference)
短路保护Protection	: Short Circuit & Polarity Reversed Protection
材料Housing Material	Intensive ABS
尺寸Size	: 47 x 18 x 12mm
重量Weight	: 6.4g

● 接口Interface

连接器Connector	: SM3 or other
红Red	: VCC
黑Black	: GND
白White	: Signal
指示灯Indicator:	
等待Standby	: Green or Blue Flash
动作Action	: Red light

● 安装Install Guide



● 包装Pack List

- Sensor x1
- Cable Housing x1

● 订货Order

Functions between SS-01 with SS-02 is same only inner structure is different ; SS-01 for local market and SS-02 for Europe market only; SS-01 with SS-02功能是一样的，SS-02主要针对欧洲市场

Items below must be declared clearly before order.以下信息必须在订单中注明

- 型号数量Model & Quantity
- 接头类型Connector type
- 信号模式 (见参考)
- 信号位序Sequence of 3 pins
- 线长Cable length
- 其它Other special requirements

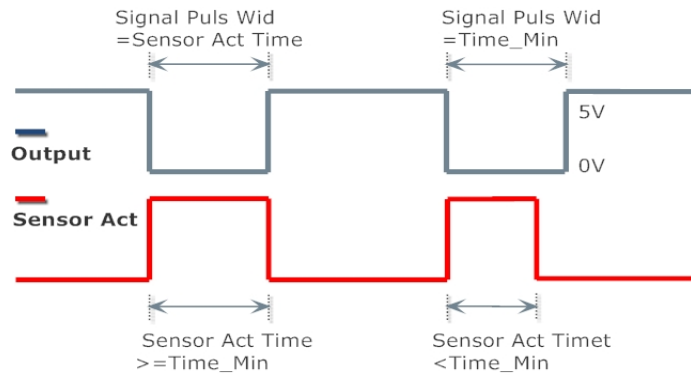
● 参考Reference

There have 3 main modes for choice to meet your special requirements for different Mid-motor drive system, each mode is effective for all kinds of Mid-motor system, the difference between each mode is the pulse width and delay time, these differences will bring little different feedback when gear-changing. We can provide customization if still outof mode range.

传感器具有三种模式,每种模式均可适用于所有中置电机,均能有效检测换挡信号,只是脉冲宽度和延时参数有些区别,而这些参数的不同,可以为系统带来的不同换挡感觉和舒适性.

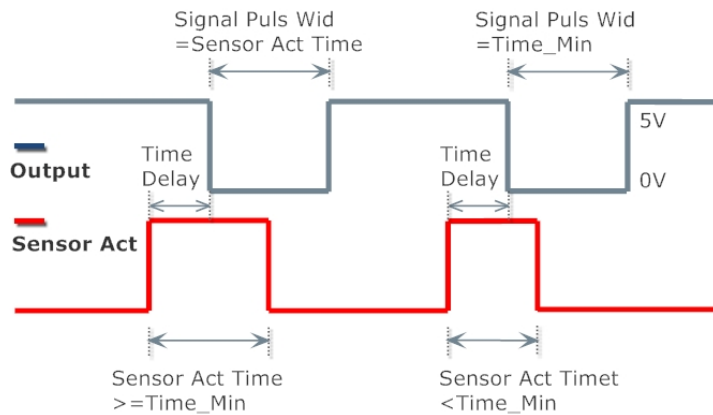
● MODE-1

Time_Min=0.2s



● MODE-2

Time_Min=0.5s
Time_Delay=0.1s



● MODE-3

Time_Min=0.1s
Dead Time=0.5s

