

User Manual

Product Name:Tire pressure monitoring sensor

Model Name:EZ9A061730081

Remark: 传感器在车辆上使用时，需要配合接收器共同使用。When the sensor is used in the vehicle, it needs to be used together with the receiver.

1. 安装方式 Installation

传感器安装在车辆轮毂上，用于测量轮胎压力和温度。

Sensors are mounted on the hub of the vehicle to measure tire pressure and temperature.



2. 功能特性 Functional characteristics

传感器具有 24 小时不间断监测功能，主要分为仓储模式、正常模式、匹配模式。

The sensor has 24-hour uninterrupted monitoring function, which is mainly divided into storage mode, normal mode and matching mode.

● 仓储模式：当胎压监测传感器的电池上电后，传感器会立即进行初始化，随后进入此模式，等待装入轮胎中并给予压力；当监测到压力大于 70kPa 时，传感器会进入正常模式。

Storage mode: When the battery of the tire pressure monitoring sensor is powered on, the sensor will be initialized immediately, and then enter this mode, waiting to be loaded into the tire and given pressure; When the pressure is greater than 70kPa, the sensor will enter normal mode.

- 正常模式: 当胎压监测传感器监测到压力大于 70kPa 时, 传感器会进入正常模式。

Normal mode: When the tire pressure monitoring sensor detects a pressure greater than 70kPa, the sensor will enter normal mode.

- 匹配模式: 使用手持工具对传感器进行触发, 让接收器学习传感器信息或状态。

Matching mode: The sensor is triggered using a handheld tool to allow the receiver to learn the sensor information or state.

3. 报警类型 **Classes of alarm**

- 低压报警: 胎压接收器接收到的轮胎压力值 $\leq 75\%$ *标准压力。

Low pressure alarm: tire pressure received by the tire pressure receiver $\leq 75\%$ * standard pressure.

- 超低压报警: 胎压接收器接收到的轮胎压力值 $\leq 50\%$ *标准压。

Ultra-low pressure alarm: tire pressure receiver received tire pressure value $\leq 50\%$ * standard pressure.

- 高压报警: 胎压接收器接收到的轮胎压力值 $\geq 130\%$ *标准压力。

High pressure alarm: Tire pressure receiver received tire pressure value $\geq 130\%$ * standard pressure.

- 快速漏气报警:

胎压监测传感器每 4s 测量一次轮胎压力, 12S 内压力下降值 $\geq 30\text{kPa}$, 通过置位 CAN 报文至仪表, 同时记录相应故障码。直到下一个周期测量值 $< 30\text{kPa}$ 快速漏气状况消除, 停止报警。

Quick leak alarm:

The tire pressure monitoring sensor measures the tire pressure every 4s, and the pressure drop value within 12S is $\geq 30\text{kPa}$. It sends a CAN message to the instrument and records the corresponding fault code. Until the next cycle measurement value $< 30\text{kPa}$ rapid gas leakage situation is eliminated, stop the alarm.

- 温度报警

胎压接收器接收到的轮胎温度值 $\geq 90^\circ\text{C}$ (可设定) 时, 通过置位 CAN 报文至仪表, 同时记录相应故障码。直到轮胎温度小于 90°C , 停止报警。

Temperature alarm

When the tire temperature received by the tire pressure receiver is $\geq 90^\circ\text{C}$ (CAN be set), the CAN

message is sent to the instrument and the corresponding fault code is recorded at the same time.

Stop the alarm until the tire temperature is less than 90 ° C.



FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.