TP-Sensor-Tire Monitor Pressure Sensor Specification

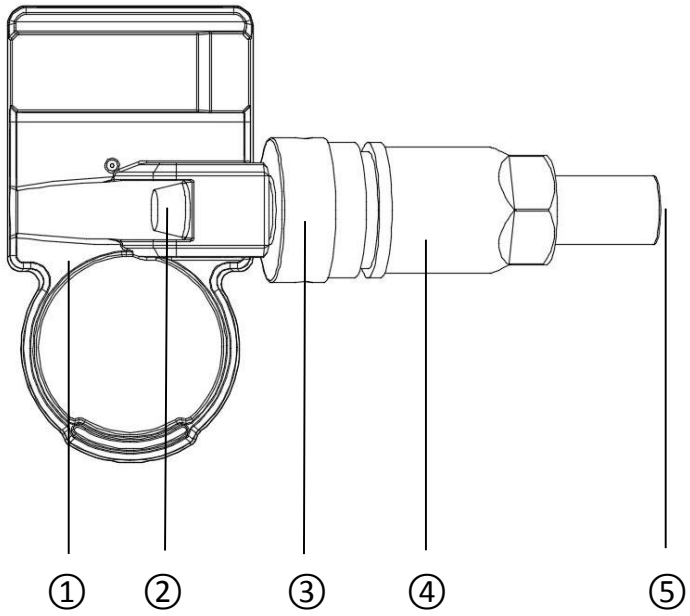
1. Safety Instructions

Please read this manual carefully before using the product, be familiar with the structure of the product and master the installation method of the product. Before installation, please confirm that the product accessories are complete, the product can work normally, and there is no abnormal appearance and structure. During the installation process, the company shall strictly abide by the maintenance operation specifications and use professional maintenance tools. Otherwise, the company will not be responsible for any problems caused by the customer's illegal operation. If there is any problem in the process of using the product, it must be replaced or stopped immediately and tested by professional maintenance personnel or after-sales service. After installing the product, be sure to re-measure the dynamic balance of the tire to eliminate safety risks。

2. Parameters:

Product Model：TP-Sensor-Tire Monitor Pressure Sensor
Storage temperature：-10℃~50℃
Operating temperature：-40℃~125℃
Pressure monitoring range：0-800Kpa
Waterproof grade：IP67
Battery life：4-6years
TPMS Power Level：5-8dBm
TPMS Frequency：433.92MHz & 315MHz
NFC Tags Frequency：13.56MHz ± 7KHz
NFC Tags RF Speed： 26Kbps
Pressure accuracy：±7Kpa
Temperature accuracy：±3℃
Weight：28g（With valve）
Dimensions：approx.51.4mm*27.8mm*13.5mm
Warranty: 2 years

3.Sensor Component diagram：



①：Tire pressure sensor

②：Sensor setting screw

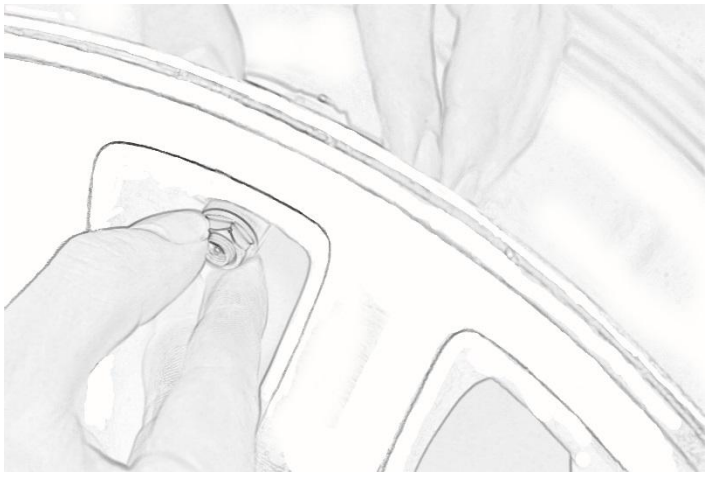
③：Metal valve mouths

④：Valve retaining nut

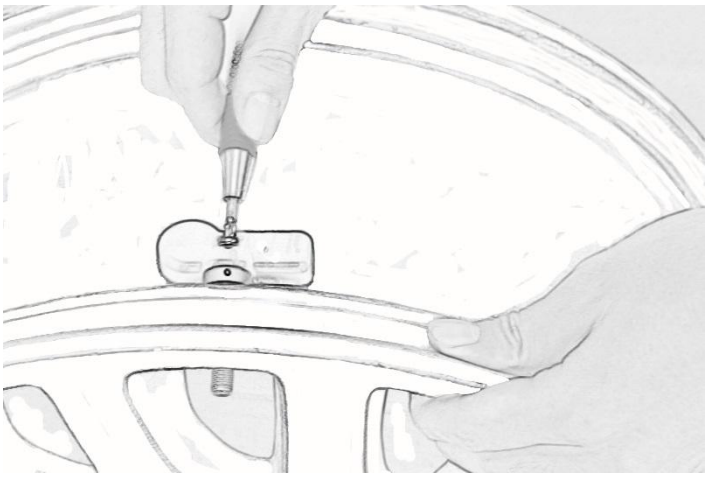
⑤：valve cap

4. Installation Operation Steps：

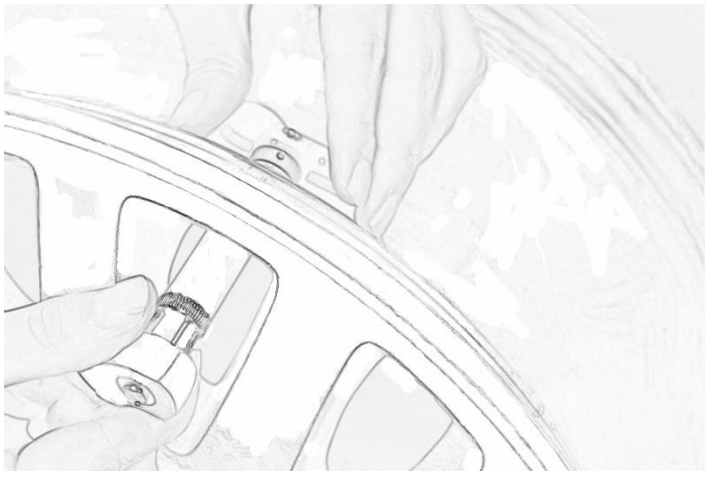
Step 1: Pass the nozzle through the hub and fix it with the nozzle fixing nut. Note that it is not tightening.



Step 2: Fix the sensor on the air nozzles with the sensor fixing screw. Note that the sensor should be close to the hub with a torque of 4N•m.



Step 3: Tighten the air nozzle fixing nut with a wrench to complete the installation. Note that the wrench uses a torque of 7 N•m.



FCC Statement：

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.

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

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.

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