Pro-Sensor Manual

433MHz

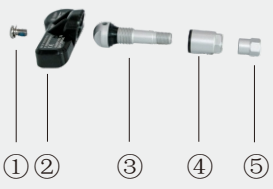
Safety Precautions

Before using this product, please read this manual carefully, familiarize yourself with the product structure, and understand the installation method. Before installation, please confirm the presence of all accessories, that the product functions properly, and that there is no abnormality in appearance and structure. Installation should be performed strictly according to maintenance operation norms and with the use of professional tools. Any error caused through deviation from these rules is not the fault of the company. You must stop using the product should any problems arise during operation and report the issue to professional maintenance or after sales staff for inspection. Once installed, the dynamic balance of the tire must be measured to eliminate any hidden dangers.

Working parameters

Storage temperature: - 50 ℃ ~ 125 ℃
Operating temperature: - 40 ℃ ~ 105 ℃
Pressure range: 0-800kpa
Waterproofing grade: IP67
Transmitting power: <10dBm
Transmitting frequency: 433.92MHz
Measurement sensitivity: 7Kpa
Weight: 25g (with valve stem)

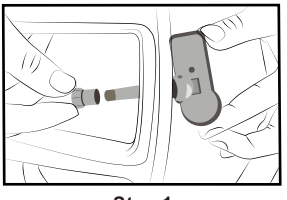
Diagram of sensor components



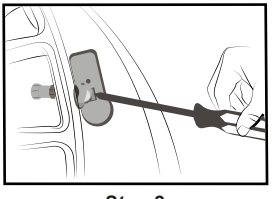
① Set screws on the sensor
② Tire pressure sensors
③ Metal valve stem
④ Valve stem nut
⑤ Valve stem cap

Installation procedure

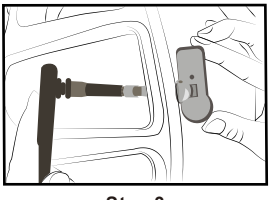
Step 1: Insert the valve stem through the wheel hub and fasten the nut. Do not tighten.
Step 2: Fasten the sensor to the valve stem using a sensor-fastening screw. Ensure the sensor is close to the wheel hub with a torque of 4N·m.
Step 3: Use a spanner to tighten the valve stem nut and complete the installation. Ensure the spanner applies a torque of 4N·m.



Step 1



Step 2



Step 3

FCC Warning

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. 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.

FCC ID: 2ANP2-TS01