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Xlink

Xlink TCS100 TPMS Sensor

Product Specifications

- **Model:** TCS100 Sensor
- **Compatibility:** Universal
- **Material:** Stainless Steel
- **Power Source:** Battery operated
- **Measurement Range:** 0-100 units

Safety Instructions

Before using the TCS100 Sensor, please read and follow these safety instructions:

1. Always wear appropriate protective gear when handling the sensor.
2. Avoid exposing the sensor to extreme temperatures or moisture.
3. Do not disassemble the sensor yourself; contact a qualified technician for any repairs.

Parameters

The TCS100 Sensor comes with the following parameters.

- **Accuracy:** +/- 2%
- **Operating Temperature:** 0-50°C
- **Resolution:** 0.1 units

Sensor Component Diagram

The diagram below illustrates the components of the TCS100 Sensor for your reference:

Installation Operation Steps

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

Product Usage Instructions

1. Ensure the sensor is properly connected to the power source.
2. Calibrate the sensor based on your specific measurement requirements.
3. Place the sensor in the desired location for accurate readings.

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

Parameters

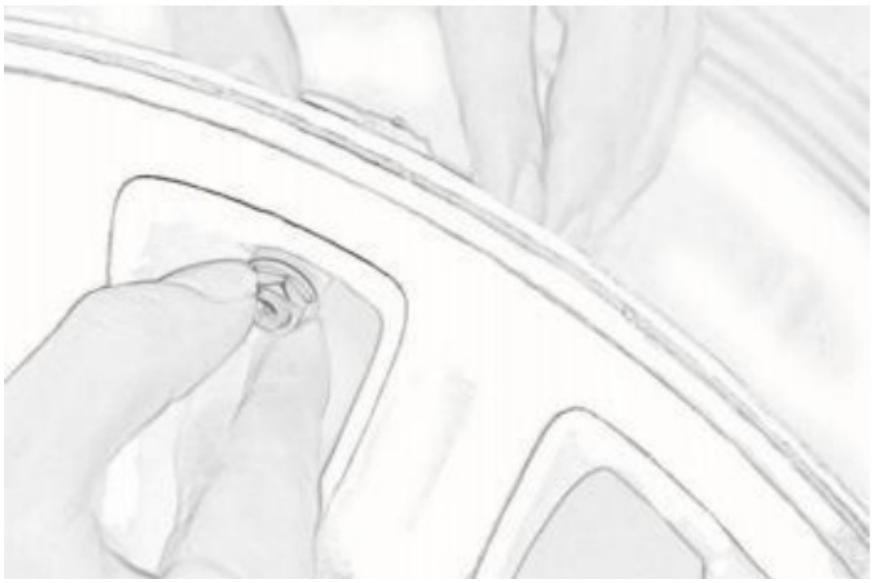
- **Product Model** TCS-100

- **Storage temperature** -10℃~50℃
- **Operating temperature** -40℃~125℃
- **Pressure monitoring range** 0-900Kpa
- **Waterproof grade** IP67
- **Battery life** 3-5years
- **Power Level** -33.84d Bm
- **Frequency** 314.9MHz
- **Pressure accuracy** ±7Kpa
- **Temperature accuracy** ±3℃
- **Weight** 26g With valve
- **Dimensions** approx.72.25mm*44.27mm*17.63mm
- **Warranty:** 2 years

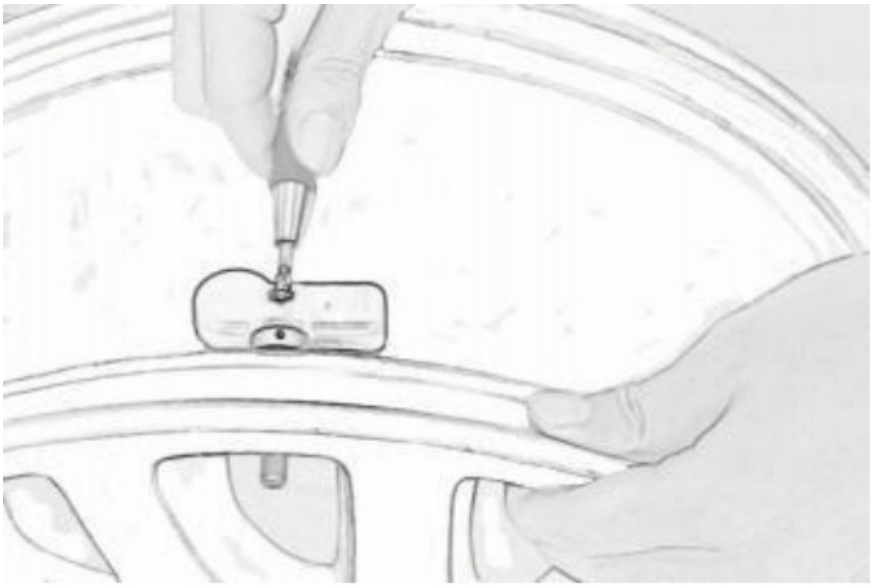
Sensor Component diagram

Installation Operation Steps

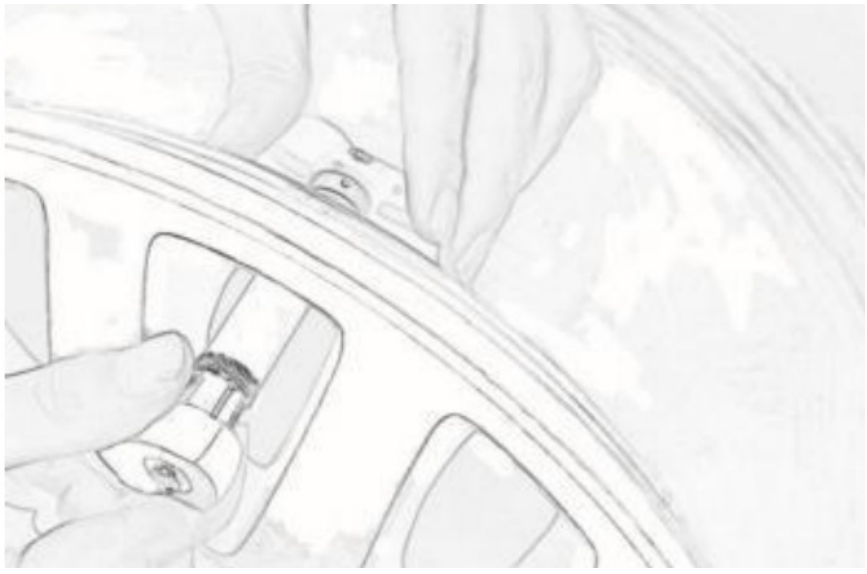
1. **Step 1:** Pass the nozzle through the hub and fix it with the nozzle fixing nut. Note that it is not tightening.



2. **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.



3. **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

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, according 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 per 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 to 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.

Frequently Asked Questions

- **Q: How often should I calibrate the TCS100 Sensor?**
  - **A:** It is recommended to calibrate the sensor every three months for optimal performance.
- **Q: Can the sensor be used in outdoor environments?**
  - **A:** The sensor is designed for indoor use; avoid exposing it to outdoor conditions to prevent damage.

Documents / Resources

	Xlink TCS100 TPMS Sensor [pdf] Instructions TCS100, TCS100 TPMS Sensor, TPMS Sensor, Sensor

References

- User Manual

Sensor, TCS100, TCS100 TPMS Sensor, TPMS Sensor,

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