

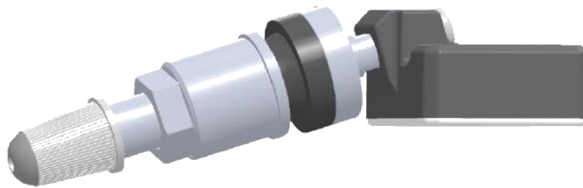
# TX-A Series Product Specification

## 1. Series Model

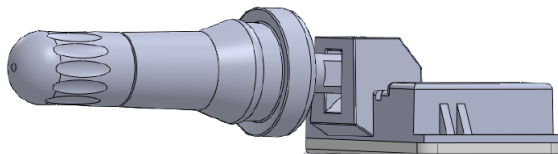
TX-A001, TX-A001-1, TX-A001-1BL, TX-A001-2BL,  
TX-A001-BL, TX-A002, TX-A002-BL, TX-A003, TX-A003-1,  
TX-A003EU, TX-A003EU-1, TX-A004, TX-A004EU, TX-A101,  
TX-A102, TX-A105, TX-A105EU-1, TX-A106, WP002A-B,  
WP002R-B, WP003AB

## 2. Product Appearance

### 2.1. Fixed valve type



### 2.2. Adjustable valve type



## 3. Electrical characteristics

|                                |                      |
|--------------------------------|----------------------|
| RF transmit power              | $\geq 3$ dBm         |
| RF transmission frequency      | 315MHz / 433.92MHz   |
| Modulation Type                | ASK / FSK            |
| LF receiving frequency         | 125 KHz              |
| Air pressure measurement range | Max: 900Kpa / 130PSI |
| Temperature measurement range  | -40 ~125°C           |
| Antenna types                  | Loop Antenna         |
| Maximum antenna gain           | -10dBi               |

## 4. Environmental conditions

|                       |            |
|-----------------------|------------|
| Operating humidity    | Max. 95%   |
| Operating temperature | -40 ~105°C |

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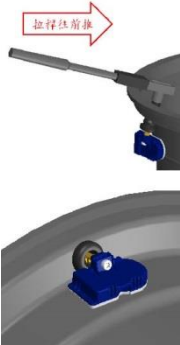
## 5. Instructions for Use

### 5.1. Clamp-in type

| Steps | Installation process                                                                                                                                                                                                                                                                           | Image                                                                                 |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1     | Remove the tire and deflate it, then remove the rim and remove the valve stem from the rim. (This step usually requires a suitable tire changing machine or tool.)                                                                                                                             |    |
| 2     | Install the tire pressure sensor on the wheel rim, with the white side as flat as possible against the rim. Use a handpiece to secure the valve stem, and then tighten the valve stem nut to a torque of 40~45 kgf-cm (4~4.5 Nm).                                                              |   |
| 3     | Attach the rim to the tire, inflate the tire, and balance the tire: a. Place the tire on a tire balancer to balance it. b. You may need to add lead weights to balance the tire. c. Balance the tire until the tire balancer displays "OK". (A tire balancer is required for the above steps.) |  |

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## 5.2. Snap-in type

| Steps | Installation process                                                                                                                                                                                                                                                                                                  | Image                                                                                 |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1     | Remove the tire and deflate it, then remove the rim and remove the valve stem from the rim. (This step usually requires a suitable tire changing machine or tool.)                                                                                                                                                    |    |
| 2     | Apply soap or lubricant to the rubber valve stem.                                                                                                                                                                                                                                                                     |    |
| 3     | Install the tire pressure sensor on the wheel rim with the white side facing the rim. Connect the lever (installation tool) to the valve stem thread, push the lever forward (as shown in the picture), press the lever against the wheel rim, and use the lever principle to pull the valve stem into the wheel rim. |   |
| 4     | Attach the rim to the tire, inflate the tire, and balance the tire: a. Place the tire on a tire balancer to balance it. b. You may need to add lead weights to balance the tire. c. Balance the tire until the tire balancer displays "OK". (A tire balancer is required for the above steps.)                        |  |

FCC Caution.

a、 § 15.19 Labeling requirements.

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.

b、 § 15.21 Changes or modification warning.

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

c、 § 15.105 Information to the user.

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.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

## **FCC Radiation Exposure Statement**

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and consider removing the no-collocation statement.

The device meets the exemption from the routine evaluation limits of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.