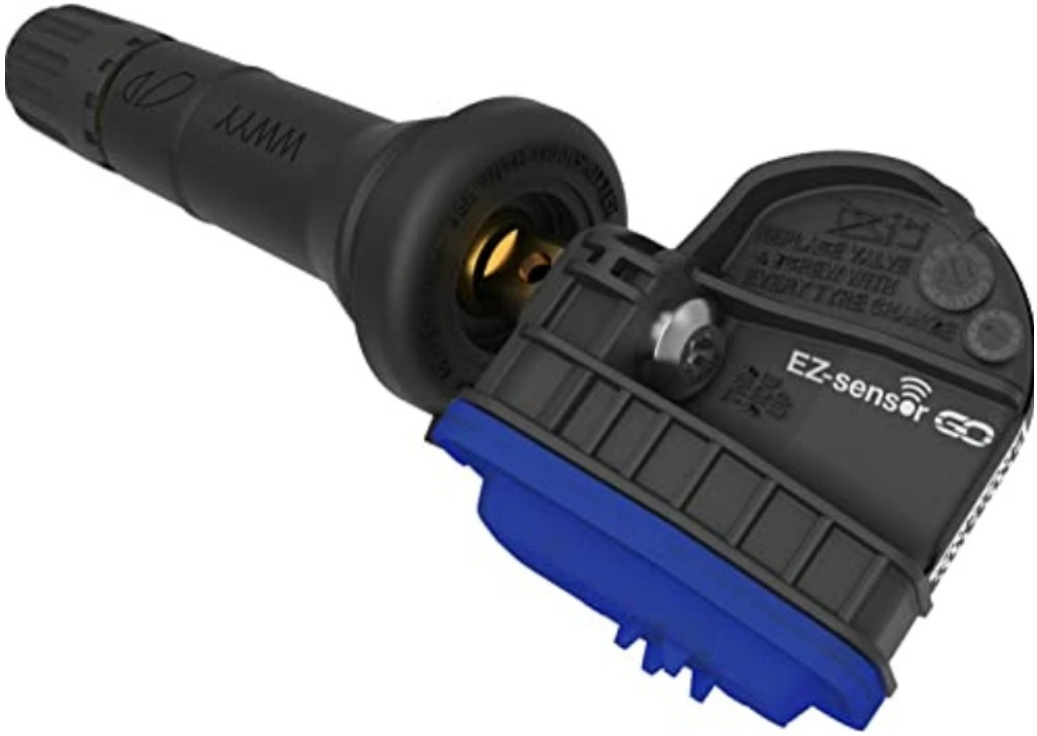
Schrader Electronics PF4 Tire Pressure Monitoring Sensor User Manual

Contents

Schrader Electronics PF4 Tire Pressure Monitoring Sensor



Schrader Sensor Overview

The Schrader Electronics TPMS (Tire Pressure Monitoring) Sensor is designed to be used in a direct measurement TPM System. The TPM Sensor is intended to interface to a receiver/decoder that has been designed to accept the TPM sensor protocol.
The TPM Sensor is designed to monitor a vehicle's tyre pressure whilst driving or stationary. An electronic unit inside each tyre (referred to as the TPM Sensor or TPM transmitter) mounted to the valve stem, periodically measures actual tyre pressure/temperature.
This pressure information is transmitted to a receiver/decoder by means of an RF link. The incoming radio frequency signals are decoded, and the data used to inform the driver of the tyre pressure information via the vehicles TPM interface.

TPM Sensor main functions are:

- Regularly measure the tyre pressure.
- Monitor if the wheel is moving.
- Periodically transmit tyre pressure using an RF link and a specific protocol.
- Notify the system if there are abnormal pressure variations (leak) in the tyre.
- Monitor the transponder input for valid LF field

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.

WARNING: Changes or modifications not expressively approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.

2. This device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body
http://www.tpmseuroshop.com/documents/declaration_conformities

Documents / Resources

	**Schrader Electronics PF4 Tire Pressure Monitoring Sensor** [pdf] User Manual FP4, MRXFP4P, F4 Tire Pressure Monitoring Sensor, PF4, Tire Pressure Monitoring Sensor, TPMS