



## TPS (Tire Pressure Sensor)

### USER MANUAL

**Equipment Name:-TYRE PRESSURE SENSOR (WIRELESS)**

**Model No:-TMS truck 433MHz.**

#### **Schrader Sensor Overview.**

The Schrader Electronics TPM (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

## USER MANUAL LABELLING REQUIREMENTS

**FCC ID:MRXTMS4**

**IC:2546A-TMS4**

This device complies with Part 15 of the FCC Rules and with Licence exempt RSS standards of Industry Canada.

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.

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.

**WARNING:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.