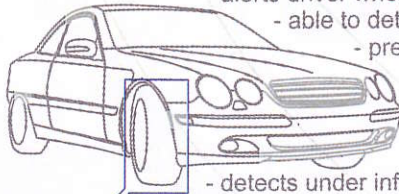


Tire Pressure Monitoring System

The Tire Pressure Monitoring System directly measures the air pressure and air temperature inside each tire. The data is sent via wireless transmitter to the receiver that is connected to a display mounted inside the vehicle for a driver's easy monitoring. The system enables the driver to easily detect air leakage and thus increase fuel efficiency by avoiding running on low air pressure tires.



- linked to display module that can inform driver of exact temperature and pressure for each tire
- alerts driver when tire pressure drops below recommended level
- alerts driver when temperature raises above recommended level
- able to detect small pressure loss (~2Kpa)
- prevents accident caused by difficult vehicle handling if tire is not inflated properly
- detects leakage before harm is done
- able to detect any combination of tire that is under inflated
- tire lasts longer (increase tread life)
- system can be reset when tires are rotated or replaced
- detects under inflated and over inflated tire
- operates even when the car is stationary
- improves fuel economy



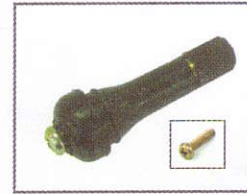
- Continuously monitors tire pressure and temperature
- Quick response time
- High accuracy
- Not affected by bumpy roads
- Provides ease of mind
- Save time from stopping at stations to check tire pressure
- Allows user preset value
- Each tire is monitored individually



Sensor Module



Display Module



Tire Valve

Display / Receiver Module

Power Supply	9V ~15 V DC
Current Consumption	18mA nominal, 130mA (max) during alert at 12V DC
Operating Temperature Range	-40°C ~ +85°C
Weight	93 gram
Size (LxWxH)	18mm x 125mm x 33mm
Monitored Pressure Range	0 ~ 500 Kpa (Accuracy: ± 10 Kpa)
	0 ~ 73 Psi (Accuracy: ± 1.5 Psi)
	0 ~ 5 Bar (Accuracy: ± 0.1 Bar)
Monitored Temperature Range	-40°C ~ 125°C (Accuracy: + 5°C)
Receiving Frequency	433.92 MHz

Sensor / Transmitter Module

Operating Temperature Range	-40°C ~ +125°C
Operating Humidity	100% non condensing
Weight	32 gram
Size (LxWxH)	71mm x 36mm x 21mm
Battery Life (Projected)	5 years in normal use
Transmitter Activation	By pressure change
Transmitting Frequency	433.92 MHz



Accurate



All Conditions



Continuous Monitoring



Save Cost



Wireless

Distributor

WILLIAMS GEDDES & CO PTY LTD

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