



ContiPressureCheck

The tyre pressure monitoring system

Maintaining correct tyre pressure: a simple solution

Due to the demands placed on drivers today, monitoring of tyre pressures does not always happen as frequently as it should and is often time consuming. Underinflated tyres can go unnoticed for long periods of time and can be attributed to increased fuel consumption as well as endangering the driver, vehicle and the goods being transported. For this reason tyre pressure should be monitored constantly.

The ContiPressureCheck provides a solution to this problem. The system constantly measures the pressure and temperature of all tyres on your vehicle - even when you are driving. This helps to save fuel, increase mileage and significantly reduce the risk of costly tyre failure.





ContiPressureCheck™

Minor detail. Mega solution.

If inflation pressure decreases a tyre can be subject to greater strains as it rolls, causing it to heat up, which can damage the tyre or even lead to a blow out. ContiPressureCheck uses sensors fitted inside each tyre to provide drivers with real-time information on tyre pressure and temperature.

The system immediately detects any changes in inflation pressure or temperature. The sensor inside the tyre sends the data wirelessly to the central receiver (central control unit – CCU), which processes the data, saves warnings and sends them directly to the display in the driver's cab. As a result, the driver can immediately take corrective action and avoid a breakdown before it happens.

ContiPressureCheck™ integrates sensors and a communication and processing system into a single module that is contained inside a rubber container and glued to the inner surface of the tyre. This avoids measurement errors due to heat radiation of the brakes, when compared to sensors placed outside the tyre.

ContiPressureCheck™ is quick and easy to install whilst being robust and reliable. Taking into account the cost of a breakdown, potential damage to the vehicle and driver in addition to any late fines, damaged reputations and loss of sales, the ContiPressureCheck is an inexpensive solution to a potentially costly problem.

Easy

ContiPressureCheck™ is quick and easy to install. Mounting inside the tyre guarantees greater data accuracy than comparable systems. ContiPressureCheck™ is compatible with all tyre brands.

Versatile

The ContiPressureCheck™ can be mounted on different vehicle types – regardless of the vehicle size.

Economical

Driving with the correct tyre pressure can lead to significant fuel savings and increased tyre mileage. Making your fleet more economical.

Reliable

The ContiPressureCheck™ system helps avoid tyre related breakdowns which can lead to costly downtimes, late fines, possible damage to public image and loss of sales or profits.

Safe

Every tyre breakdown avoided increases the safety as tyre damage or a breakdown always involves a risk of accidents happening.

Eco-friendly

Running the correct inflation pressure lowers fuel consumption, reduces tyre wear and as such protects the environment.

ContiPressureCheck™

Versatile & compatible

Components



1 Sensor in Container

2 Receiver / Central Control Unit

3 Display in the driver's cockpit

ContiPressureCheck is highly compatible and versatile.

- › Possible to retrofit on many vehicle types
- › Wireless radio technology* permits use in virtually all vehicle sizes and trailers
- › Works with pneumatic tyres from all tyre manufacturers from 1.8 bar to 11.9 bar tyre inflation pressure

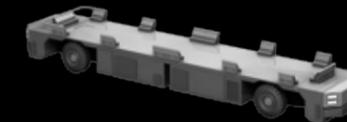
Harbor Applications



Tractor



Trailer



AGV



Reachstacker



Heavy Forklift



Straddle Carrier

Underground Mining / Surface Mining



Loader



Dumper



Pushback

Airport Applications

Continental Tyre Group Ltd.

191 High Street
Yiewsley, West Drayton
Middlesex, UB7 7XW

www.continental-tyres.co.uk/specialty
specialty@conti.de