

Global Automotive Sensors Market: Size, Trends & Forecasts (2017-2021)

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Abstracts

Scope of the Report

The report entitled "Global Automotive Sensors Market: Size, Trends & Forecasts (2017-2021)", provides analysis of the global automotive sensors, with detailed analysis of market size and growth, and segmentation of the industry. The analysis includes the market by value, by segments and by region. The report also provides the analysis of the global automotive sensors market of North America, Europe, China, Japan, Asia (excluding Japan and China) and ROW regions.

Moreover, the report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global automotive sensors has also been forecasted for the years 2017-2021, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

Robert Bosch GmbH (Bosch), Continental Corporation, Delphi Automotive Plc. and Denso Corporation are some of the key players operating in the global automotive sensors market, whose company profiling has been done in the report. In this segment of the report, business overview, financial overview and business strategies of the companies are provided.

Country Coverage

North America

Europe

China

Japan

Asia (excluding Japan and China)

ROW

Company Coverage

Robert Bosch GmbH (Bosch)

Continental Corporation

Delphi Automotive Plc.

Denso Corporation

Executive Summary

A sensor is defined as a device that recognizes and reacts to some physical condition like heat, weight, humidity, movement, etc. The change influences the physical, compound or electromagnetic properties of the sensors which are converted into human readable form. The classification of sensors can be done on the basis of application, property and power or energy supply requirements.

Sensors are fundamental segments of automobiles electronic control frameworks. Sensors are characterized as devices that transform or transduce physical quantities such as pressure or acceleration into output signals that serve as inputs for control systems. The various area of sensors application in automobile are powertrain, chassis, body system and safety.

Powertrain contains the transmission, which depending on the type is subject to a different amount of sensors, and engine control that encompasses fuel injection pressure sensors, engine temperature, and numerous other valves and components that require some sort of physical measurement. A chassis is the physical frame or

structure of an automobile; require sensors to measure the distance between the suspension and the chassis.

The body control sensor is a nonexclusive term for an electronic control unit in charge of observing and controlling different electronic adornments in an automotive body. The safety sensors are the sensors that used to prevent the threat of a collision or an accident and also prevent after the collision.

The global automotive sensors market is expected to increase at high growth rates during the forecasted period (2017-2021). The global automotive sensors is supported by various growth drivers, such as, increasing luxury cars sales, rising adoption of electric vehicles, falling sensors price, etc.

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