

# **Ultrasonic Sensor Market (Ultrasonic Through Beam Sensors, Ultrasonic Proximity Sensors, Ultrasonic Reflective Sensors, Ultrasonic 2 Point Proximity Switches; Anti Collision Detection, Liquid Level Measurement; Food & Beverages, Automotive, Healthcare, Oil & Gas, Agriculture; North America, Europe, Asia-Pacific, RoW) Global Scenario, Market Size, Outlook, Trend and Forecast, 2015-2024**

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## **Abstracts**

Global Ultrasonic Sensor Market is estimated to reach \$1,493 Million by 2024; growing at a CAGR of 17.7% between 2016 and 2024. An ultrasonic sensor is a device that uses sound waves with frequency higher than the human audible range to measure the distance to an object. Ultrasonic sensors follow three main physical principles such as the Doppler Effect, time of flight and the attenuation of sound waves. It uses a single ultrasonic element for both emission and reception. They have the ability to detect any transparent objects as well as very complex shaped objects. Ultrasonic sensors are widely used in various medical inspections owing to its ability of real time visualization. Moreover, due to their reliability and outstanding versatility, they are also used for various industrial applications where they are used to solve the most complex task of object detection with millimeter precision.

Need for advanced features in vehicles coupled with increasing applications of ultrasonic sensor especially in healthcare and pulp & paper are fueling the growth of the market. Moreover, increasing popularity of wearable medical devices and increasing need for automation across various industries is also boosting the growth of the market. However, ability to absorb sound by low-density materials and presence of other

technologies may hinder the growth of the market. Furthermore, entry of new players to focus on emerging economies and increasing R&D for improve product offering to various end-users would provide growth opportunities in the coming years.

The global ultrasonic sensor market is segmented based on the type, application, industry and geography. By type, it is segmented into ultrasonic through beam sensors, ultrasonic proximity sensors, ultrasonic reflective sensors and ultrasonic 2 point proximity switches. Application can be segmented into distance measurement, anti collision detection, liquid level measurement, object detection, pallet detection and others. Furthermore, industry is segmented into food & beverages, automotive, healthcare, aerospace & defense, oil & gas, chemicals, agriculture, pulp & paper, material handling, construction and others.

By geography, the ultrasonic sensor market is segmented into North America, Europe, Asia-Pacific and rest of the world (RoW). The U.S., Canada and Mexico are covered under North America wherein Europe covers U.K., Germany, France, Italy and others. Asia-Pacific covers China, South Korea, Japan, and others. Rest of the World (RoW) covers South America, Middle East and Africa.

Key market players include Honeywell International Inc., Branson Ultrasonic Corp., Toshiba America Medical Systems, Inc., OMRON Corporation, Murata Manufacturing Co., Ltd., APC International Ltd., Siemens Ag, Rockwell Automation, Inc., GE Healthcare, Ltd., and Pepperl+Fuchs GmbH.

## **THE KEY TAKEAWAYS FROM THE REPORT**

The report will provide detailed analysis of Ultrasonic Sensor Market with respect to major segments such type, application and industry

The report will include the qualitative and quantitative analysis with market estimation over 2015-2024 and compound annual growth rate (CAGR) between 2016 and 2024.

Comprehensive analysis of market dynamics including factors and opportunities will be provided in the report

An exhaustive regional analysis of Ultrasonic Sensor market will be included in the report

Profile of the key players of the Ultrasonic Sensor market, will be provided, which include key financials, product & services, new developments, and business strategies

## Scope of Ultrasonic Sensor Market

### Type Segments

Ultrasonic Through Beam Sensors

Ultrasonic Proximity Sensors

Ultrasonic Reflective Sensors

Ultrasonic 2 Point Proximity Switches

### Application Segments

Distance Measurement

Anti Collision Detection

Liquid Level Measurement

Object Detection

Pallet Detection

Others

### Industry Type Segments

Food & Beverages

Automotive

Healthcare

Aerospace & Defense

Oil & Gas

Chemicals

Agriculture

Pulp & Paper

Material Handling

Construction

Others

## Geography Segments

North America

US

Canada

Mexico

Europe

U.K.

Germany

France

Italy

Others

Asia-Pacific

China

South Korea

Japan

Others

RoW

South America

Middle East

Africa

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