

Global Automobile ABS Wheel Speed Sensor Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G26A785D85B0EN.html>

Date: January 2026

Pages: 136

Price: US\$ 3,480.00 (Single User License)

ID: G26A785D85B0EN

Abstracts

According to our (Global Info Research) latest study, the global Automobile ABS Wheel Speed Sensor market size was valued at US\$ 2864 million in 2025 and is forecast to a readjusted size of US\$ 4644 million by 2032 with a CAGR of 7.1% during review period.

The wheel speed sensor for automotive ABS is a core component of the anti-lock braking system (ABS). It monitors wheel speed in real time using electromagnetic or Hall effect signals, transmitting the signal to the ECU to dynamically adjust braking pressure, preventing wheel lock-up and ensuring directional stability and handling during braking.

The upstream of the automotive ABS wheel speed sensor industry chain mainly consists of raw material and component suppliers, including magnetic cores (ferrite, neodymium iron boron), induction coil enameled wire, Hall effect chips (STMicroelectronics, Infineon), engineering plastics (BASF, DuPont), and metal housings. Downstream direct customers are OEMs (Volkswagen, Toyota, Geely, etc.) and the aftermarket (dealers, repair chains), ultimately applied to automotive ABS/ESP systems and repair/replacement scenarios.

In 2025, the global automotive ABS wheel speed sensor market had an average price of \$5.25 per unit, with sales of approximately 530 million units and a global annual production capacity of approximately 540 million units. The industry's gross profit margin ranged from 18% to 35%.

This report is a detailed and comprehensive analysis for global Automobile ABS Wheel Speed Sensor market. Both quantitative and qualitative analyses are presented by

manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Automobile ABS Wheel Speed Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automobile ABS Wheel Speed Sensor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automobile ABS Wheel Speed Sensor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automobile ABS Wheel Speed Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Automobile ABS Wheel Speed Sensor
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Automobile ABS Wheel Speed Sensor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Wabco, Delphi, Hella, Continental, FAE, Hitachi Automotive Systems, TE Connectivity, Apec Automotive, Standard Motor Products, Knorr-Bremse, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Automobile ABS Wheel Speed Sensor market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Passive ABS Sensors

Active ABS Sensors

Market segment by Target Wheel

Gear Type

Magnetic Encoder Type

Market segment by Output Signal

Analog Output

Digital Output

Market segment by Application

Passenger Vehicles

Commercial Vehicles

Major players covered

Wabco

Delphi

Hella

Continental

FAE

Hitachi Automotive Systems

TE Connectivity

Apec Automotive

Standard Motor Products

Knorr-Bremse

Hyundai Mobis

Bosch

Wanxiang

Kesens

Mando

Guangzhou Sivco

TRW Automotive

Kormee

Dongfeng Electronic

Market segment by region, regional analysis covers

Global Automobile ABS Wheel Speed Sensor Market 2026 by Manufacturers, Regions, Type and Application, Forecast...

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automobile ABS Wheel Speed Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automobile ABS Wheel Speed Sensor, with price, sales quantity, revenue, and global market share of Automobile ABS Wheel Speed Sensor from 2021 to 2026.

Chapter 3, the Automobile ABS Wheel Speed Sensor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automobile ABS Wheel Speed Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Automobile ABS Wheel Speed Sensor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automobile ABS Wheel Speed Sensor.

Chapter 14 and 15, to describe Automobile ABS Wheel Speed Sensor sales channel,

distributors, customers, research findings and conclusion.

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