

Global Vibration Sensors Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Vibration Sensors market size was valued at US\$ 952 million in 2024 and is forecast to a readjusted size of USD 1468 million by 2031 with a CAGR of 6.4% during review period.

A Wireless Vibration Sensor is a device that includes an Accelerometer and is capable of measuring vibration and send it to a receiver using a Wireless protocol. Depending on the wireless protocol used, some of these sensors may even transmit data in real time. Hence having the capability to connect via peer to peer or mesh network. Wireless Vibration Sensors are used today for multiple purposes, being online Condition Monitoring the most important one. Wireless vibration sensor system design allows users to easily monitor measurement data, anticipating equipment issues before they arise and affect bottom-line profitability. The Industrial Wireless Vibration Sensors Network can be segmented into Short-range Wireless Technology(WiFi, Bluetooth etc.) and LPWAN Technology.

Global key players of Vibration Sensors include Baker Hughes, TE Connectivity, Valmet, Shinkawa Electric, ABB, etc. The top five players hold a share about 51%. Asia-Pacific is the largest market for Vibration Sensors and has a share about 41%, followed by North America and Europe, with share 26% and 23%, separately. In terms of product type, Short-range Wireless Technology is the largest segment, occupied for a share of 73%. In terms of application, Manufacturing is the largest application, occupied for a share of 24%.

This report is a detailed and comprehensive analysis for global Vibration Sensors 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 Vibration Sensors market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Vibration Sensors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Vibration Sensors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Vibration Sensors market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2020-2025

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 Vibration Sensors

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 Vibration Sensors 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 Baker Hughes, TE Connectivity, Valmet, Shinkawa Electric, ABB, Emerson, Yokogawa, Erbesd Instruments, Banner Engineering, Ifm, etc.

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

Market Segmentation

Vibration Sensors market is split by Type and by Application. For the period 2020-2031, 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

Short-range Wireless Technology

LPWAN Technology

Market segment by Application

Manufacturing

Automotive

Energy and Power

Oil and Gas

Metals and Mining

Chemicals

Others

Major players covered

Baker Hughes

TE Connectivity

Valmet

Shinkawa Electric

ABB

Emerson

Yokogawa

Erbessd Instruments

Banner Engineering

Ifm

SPM Instrument

NI

Acoem

Advantech

Fluke

Sumyoung Tech

Market segment by region, regional analysis covers

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 Vibration Sensors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vibration Sensors, with price, sales quantity, revenue, and global market share of Vibration Sensors from 2020 to 2025.

Chapter 3, the Vibration Sensors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Vibration Sensors breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Vibration Sensors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Vibration Sensors.

Chapter 14 and 15, to describe Vibration Sensors sales channel, distributors, customers, research findings and conclusion.

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