

Global Through-hole Position Sensor 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 Through-hole Position Sensor market size was valued at US\$ 606 million in 2024 and is forecast to a readjusted size of USD 850 million by 2031 with a CAGR of 5.0% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Through-hole position sensors are sensors used to detect the position of linear or rotary moving objects. They are installed in a through-hole design, which is convenient for direct fixation on mechanical structures. The sensors are usually based on the Hall effect, magnetoresistance or photoelectric principles, and have the characteristics of high precision, anti-interference and long life. They are widely used in industrial automation (such as cylinder position detection), automobiles (accelerator pedals, gearboxes), medical equipment and robots.

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

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

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

Global Through-hole Position Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K 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 Through-hole Position 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 Through-hole Position 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 Sensata Technologies, TE Connectivity, AMPHENOL PIHER, Honeywell, Cambridge IC, Alps Alpine, VISHAY, Murata Manufacturing Co.,Ltd., Turck, KUNWEI, etc.

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

Market Segmentation

Through-hole Position Sensor 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

Photoelectric

Inductive

Capacitive

Market segment by Application

Industrial Automation

Automotive

Medical Equipment

Major players covered

Sensata Technologies

TE Connectivity

AMPHENOL PIHER

Honeywell

Cambridge IC

Alps Alpine

VISHAY

Murata Manufacturing Co.,Ltd.

Turck

KUNWEI

SICK

Balluff

Omron

Viasion

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 Through-hole Position Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Through-hole Position Sensor, with price, sales quantity, revenue, and global market share of Through-hole Position Sensor from 2020 to 2025.

Chapter 3, the Through-hole Position Sensor competitive situation, sales quantity,

revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Through-hole Position Sensor 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 Through-hole Position Sensor 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 Through-hole Position Sensor.

Chapter 14 and 15, to describe Through-hole Position Sensor sales channel, distributors, customers, research findings and conclusion.

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