

# Global Through-hole Position Sensor Market Growth 2025-2031

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## Abstracts

The global Through-hole Position Sensor market size is predicted to grow from US\$ 603 million in 2025 to US\$ 823 million in 2031; it is expected to grow at a CAGR of 5.3% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

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.

United States market for Through-hole Position Sensor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Through-hole Position Sensor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Through-hole Position Sensor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Through-hole Position Sensor players cover Sensata Technologies, TE Con

nectivity, AMPHENOL PIHER, Honeywell, Cambridge IC, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Through-hole Position Sensor Industry Forecast" looks at past sales and reviews total world Through-hole Position Sensor sales in 2024, providing a comprehensive analysis by region and market sector of projected Through-hole Position Sensor sales for 2025 through 2031. With Through-hole Position Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Through-hole Position Sensor industry.

This Insight Report provides a comprehensive analysis of the global Through-hole Position Sensor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Through-hole Position Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Through-hole Position Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Through-hole Position Sensor and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Through-hole Position Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of Through-hole Position Sensor market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Photoelectric

Inductive

Capacitive

Segmentation by Application:

Industrial Automation

Automotive

Medical Equipment

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Sensata Technologies

TE Connectivity

AMPHENOL PIHER

Honeywell

Cambridge IC

Alps Alpine

VISHAY

Murata Manufacturing Co.,Ltd.

Turck

KUNWEI

SICK

Balluff

Omron

Viasion

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Through-hole Position Sensor market?

What factors are driving Through-hole Position Sensor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Through-hole Position Sensor market opportunities vary by end market size?

How does Through-hole Position Sensor break out by Type, by Application?

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