

Global Automotive Speed Encoder Competitive Landscape Professional Research Report 2025

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Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Automotive Speed Encoder market size will reach 593.96 Million USD in 2025 and is projected to reach 711.84 Million USD by 2032, with a CAGR of 2.62% (2025-2032). Notably, the China Automotive Speed Encoder market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

An automotive speed encoder is a device that measures the speed and distance of a vehicle. This device is essential for the proper operation of anti-lock brake systems (ABS), electronic stability control (ESC), and speedometers. The encoder uses a sensor that detects the rotation of a wheel or a driveshaft and generates a signal that is used to calculate the speed and distance of the vehicle. This information is then sent to the vehicle's onboard computer, which uses it to control various functions. Speed encoders are commonly used in modern vehicles, particularly those with advanced safety features.

The major global manufacturers of Automotive Speed Encoder include NTN-SNR, Freudenberg-NOK, Dynapar, Renishaw, TE Connectivity Ltd, Hutchinson, LENORD+BAUER, AMS, Baumer H?bner, Timken, ADMOTEC, Allegro MicroSystems, VS Sensorik GmbH, Doway Tech, Ha Nan Ye, EBI, Unionstar Electronics, Haining Zhongteng, Xinyak Sensor, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that

command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Automotive Speed Encoder. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Automotive Speed Encoder market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Automotive Speed Encoder market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Automotive Speed Encoder industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Automotive Speed Encoder Include:

NTN-SNR

Freudenberg-NOK

Dynapar

Renishaw

TE Connectivity Ltd

Hutchinson

LENORD+BAUER

AMS

Baumer H?bner

Timken

ADMOTEC

Allegro MicroSystems

VS Sensorik GmbH

Doway Tech

Ha Nan Ye

EBI

Unionstar Electronics

Haining Zhongteng

Xinyak Sensor

Automotive Speed Encoder Product Segment Include:

Axial Encoder

Radial Encoder

Automotive Speed Encoder Product Application Include:

Passenger Car

Commercial Vehicle

Chapter Scope

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