

Global Absolute Drehgeber 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 Absolute Drehgeber market size was valued at US\$ 1572 million in 2024 and is forecast to a readjusted size of USD 2090 million by 2031 with a CAGR of 4.2% during review period.

An absolute drehgeber, is an electro-mechanical device that converts the angular position or motion of a shaft or axle to an analog or digital code.absolute drehgeber provide a distinctly coded numerical value for each shaft position. In positioning tasks in particular, the absolute drehgeber relieve the controller of computation tasks and keep costs down by eliminating the need for additional input components. Moreover, reference runs when the machine is switched on or after power failures are no longer required as the current position value is available immediately. Parallel absolute encoders transmit the position value to the analyzing electronics through several parallel cables. Serial absolute drehgeber transmit their output data via standardized interfaces and protocols.

The global Absolute Drehgeber market in terms of revenue was estimated to be worth \$1528 million in 2023 and is poised to reach \$1987.2 million by 2029, growing at a CAGR of 4.3% from 2023 to 2029. The major factor driving the market is industrial automation and automotive industry development.

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

Global Absolute Drehgeber 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 Absolute Drehgeber 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 Absolute Drehgeber 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 Absolute Drehgeber

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 Absolute Drehgeber 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 Heidenhain, Tamagawa, Nemicon, Pepperl+Fuchs, TR Electronic, Baumer, Ifm Electronic, SIKO, Posital, Hengstler, etc.

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

Market Segmentation

Absolute Drehgeber 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

Multi-Turn Encoders

Single-Turn Encoders

Market segment by Application

Healthcare

Machine Tool

Consumer Electronics

Assembly Equipment

Others

Major players covered

Heidenhain

Tamagawa

Nemicon

Pepperl+Fuchs

TR Electronic

Baumer

Ifm Electronic

SIKO

Posital

Hengstler

POSITILT (ASM)

Kuebler

Balluff AG

Danaher

Omron

Koyo

HeinLanz

Autonic

MEGATRON

Rittmeyer

Wachendorff Automation

Sensata (BEI)

Sick

Yuheng Optics

ELCO

Angst+Pfister

Wuxi CREATE

Roundss

Sanfeng

Shanghai HOUDE

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 Absolute Drehgeber product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Absolute Drehgeber 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 Absolute Drehgeber 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 Absolute Drehgeber.

Chapter 14 and 15, to describe Absolute Drehgeber sales channel, distributors, customers, research findings and conclusion.

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