

# Global Intelligent Bearingless Rotary Encoders Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G3B76AFDC2AFEN.html>

Date: May 2025

Pages: 136

Price: US\$ 3,480.00 (Single User License)

ID: G3B76AFDC2AFEN

## Abstracts

According to our (Global Info Research) latest study, the global Intelligent Bearingless Rotary Encoders market size was valued at US\$ 1462 million in 2024 and is forecast to a readjusted size of USD 1944 million by 2031 with a CAGR of 4.2% during review period.

Intelligent bearingless rotary encoders are types of rotary encoders that do not require physical bearings to function. Instead, they use non-contact magnetic or optical sensing technology to measure rotation. They are also commonly used in industries such as robotics, automotive, and aerospace.

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

Global Intelligent Bearingless Rotary Encoders 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 Intelligent Bearingless Rotary Encoders 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 Intelligent Bearingless Rotary Encoders 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 Intelligent Bearingless Rotary Encoders

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 Intelligent Bearingless Rotary Encoders 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 K?bler Group, Tamagawa, Celera Motion, Nemicon, P+F, Baumer, SIKO GmbH, Danaher, Omron, TR Electronic GmbH, etc.

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

## Market Segmentation

Intelligent Bearingless Rotary Encoders 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

Absolute Rotary Encoder

Incremental Rotary Encoder

## Market segment by Application

Machine Tool

Servo Motor

Metal Forming and Fabrication

Other

## Major players covered

K?bler Group

Tamagawa

Celera Motion

Nemicon

P+F

Baumer

SIKO GmbH

Danaher

Omron

TR Electronic GmbH

Netzer Precision Position Sensors ACS

Johannes Hübner

Heidenhain

ELGO Electronic

Precizika

Contelec AG

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 Intelligent Bearingless Rotary Encoders product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Intelligent Bearingless Rotary Encoders, with price, sales quantity, revenue, and global market share of Intelligent Bearingless Rotary Encoders from 2020 to 2025.

Chapter 3, the Intelligent Bearingless Rotary Encoders competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Intelligent Bearingless Rotary Encoders 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 Intelligent Bearingless Rotary Encoders 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 Intelligent Bearingless Rotary Encoders.

Chapter 14 and 15, to describe Intelligent Bearingless Rotary Encoders sales channel, distributors, customers, research findings and conclusion.

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