

Angle Encoder Market: How Top Companies Are Expanding Their Competitive Footprint

The Business Research Company's Angle Encoder Global Market Report 2026 – Market Size, Trends, And Forecast 2026–2035

LONDON, GREATER LONDON, UNITED KINGDOM, April 21, 2026

[/EINPresswire.com/](https://EINPresswire.com/) -- [The angle encoder market](#) is dominated by a mix of global industrial automation and motion control equipment manufacturers, sensor technology providers, and specialized precision measurement solution companies.

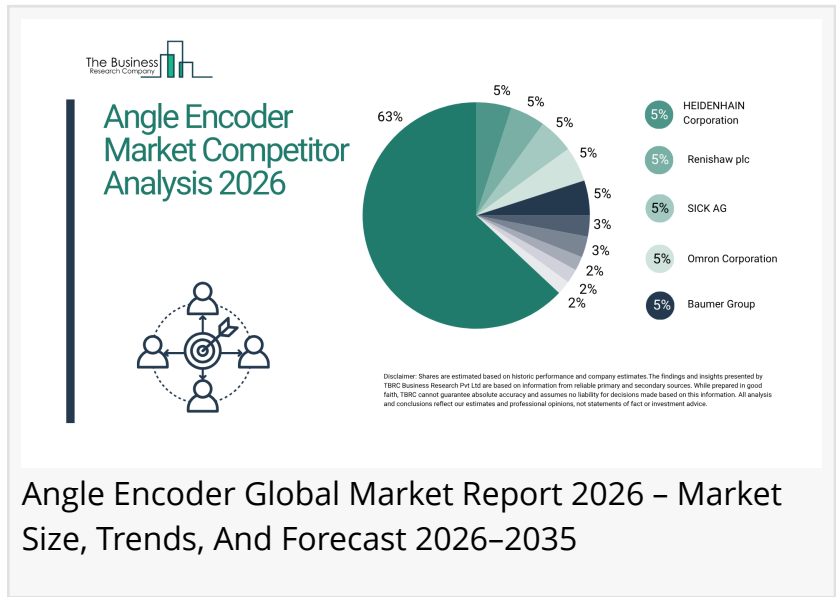
Companies are focusing on high-precision encoding technologies, advanced optical and magnetic sensing solutions, compact and durable designs, and integration with digital control systems to strengthen market presence and expand adoption across industrial and automation applications. Understanding the competitive landscape is critical for stakeholders seeking growth opportunities, technological collaborations, and long-term strategic positioning within the rapidly evolving angle encoder market.

Which Market Player Is Leading The Angle Encoder Market?

- According to our research, HEIDENHAIN Corporation led global sales in 2024 with a 5% market share. The encoder and measurement systems division of the company is actively involved in the angle encoder market and provides a wide range of precision angle encoders, rotary encoders, and position measurement systems. It also offers solutions to support industrial automation, machine tools, and precision motion control applications.

[How Concentrated Is The Angle Encoder Market?](#)

- The market is fairly concentrated, with the top 10 players accounting for 37% of total market revenue in 2024. This level of concentration reflects the industry's complex technical requirements, stringent quality and precision standards, and the need for high-performance measurement accuracy, which create high barriers to large-scale consolidation while still enabling niche innovators to compete. Leading vendors such as HEIDENHAIN Corporation,



Angle Encoder Global Market Report 2026 – Market Size, Trends, And Forecast 2026–2035

Renishaw plc, SICK AG, Omron Corporation, Baumer Group, Tamagawa Seiki Co. Ltd., Pepperl+Fuchs SE, Kübler Group, Celera Motion LLC (Zettlex Ltd.), and Dynapar Encoders maintain a competitive advantage through advanced precision measurement technologies, strong industrial automation partnerships, extensive product portfolios, and continuous innovation in optical and magnetic encoding solutions. At the same time, numerous small and mid-sized sensor and motion control companies contribute to intense competition, driving advancements in accuracy, durability, and cost-effective encoder solutions. As demand for high-precision positioning and motion control systems continues to grow across manufacturing, robotics, and industrial automation sectors, strategic collaborations, product innovation, and regional expansion are expected to gradually strengthen the position of major players while preserving opportunities for differentiated and high-performance solutions across the evolving angle encoder market.

- Leading companies include:
 - o HEIDENHAIN Corporation (5%)
 - o Renishaw plc (5%)
 - o SICK AG (5%)
 - o Omron Corporation (5%)
 - o Baumer Group (5%)
 - o Tamagawa Seiki Co. Ltd. (3%)
 - o Pepperl+Fuchs SE (3%)
 - o Kübler Group (2%)
 - o Celera Motion LLC (Zettlex Ltd.) (2%)
 - o Dynapar Encoders (2%)

Request A Free Sample Of The Angle Encoder Market Report

https://www.thebusinessresearchcompany.com/sample_request?id=23304&type=smp&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Apr_PR

Which Companies Are Leading Across Different Regions?

- North America: Encoder Products Company, Dynapar Corporation, US Digital, Honeywell International, Grayhill, Inc., Quantum Devices, Inc., Turck Canada Inc., Sensata Technologies, Hohner Corporation, and Industrial Encoder Corp. are leading companies in this region.
- Asia Pacific: Renishaw plc, Dr. Johannes Heidenhain GmbH, SICK AG, Baumer Group, Pepperl+Fuchs SE, MOONS' Industries, Encoders India Private Limited (EIPL), Jayashree Encoders Pvt. Ltd., Puretronics India Pvt. Ltd., Orbital Mekatronik Systems Pvt. Ltd., Kübler Group, Tamagawa Seiki Co., Ltd., Nemicon Corporation, Line Seiki Co., Ltd. and Autonics Corporation are leading companies in this region.
- Western Europe: Heidenhain, Kübler Group, Hengstler, Wachendorff Automation, SIKO GmbH, TR-Electronic, FRABA and Renishaw plc are leading companies in this region.

- Eastern Europe: Siemens AG, SICK AG, Omron Corporation, Renishaw plc and Pepperl+Fuchs SE are leading companies in this region.
- South America: Siemens AG, Omron Corporation, SICK AG, Renishaw plc and Pepperl+Fuchs SE are leading companies in this region.
- Middle East: SICK AG, Siemens AG, Pepperl+Fuchs SE and HEIDENHAIN Corporation are leading companies in this region.
- Africa: HEIDENHAIN Corporation, Siemens AG, Omron Corporation, Pepperl+Fuchs SE and SICK AG are leading companies in this region.

What Are The Major Competitive Trends In The Market?

- Encoder-specific microcontroller units (MCUs) are transforming the angle encoder market by enabling high-precision position sensing, low-latency processing, and improved motion control in industrial automation applications.
- Example: In December 2025, Geehy Semiconductor Co. Ltd. launched the G32R430 encoder MCU for high-precision motion control and position feedback systems.
- Its advanced processing core, ultra-low latency, high-precision ADCs, and integrated peripherals enhance accuracy, simplify system design, and improve reliability in automated and robotics applications.

Which Strategies Are Companies Adopting To Stay Ahead?

- Advancing Inductive Technologies To Deliver High-Precision Performance In Extreme And Harsh Operating Environments
- Developing Next-Generation Rotary Technologies To Enable High-Precision Industrial Control And Motion Accuracy
- Utilizing Ultra-Lightweight Inductive Technologies To Provide Compact, High-Precision Position Feedback For Robotics And Automation
- Enhancing High-Precision Encoder Solutions To Set New Standards In Accuracy, Reliability, And Performance In Robotics And Automation

Access The Detailed Angle Encoder Market Report Here

https://www.thebusinessresearchcompany.com/report/angle-encoder-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Apr_PR

Learn More About [The Business Research Company](https://www.thebusinessresearchcompany.com)

The Business Research Company (www.thebusinessresearchcompany.com) is a leading market intelligence firm renowned for its expertise in company, market, and consumer research. We have published over 17,500 reports across 27 industries and 60+ geographies. Our research is powered by 1,500,000 datasets, extensive secondary research, and exclusive insights from

interviews with industry leaders.

We provide continuous and custom research services, offering a range of specialized packages tailored to your needs, including Market Entry Research Package, Competitor Tracking Package, Supplier & Distributor Package and much more.

Disclaimer: Please note that the findings, conclusions and recommendations that TBRC Business Research Pvt Ltd delivers are based on information gathered in good faith from both primary and secondary sources, whose accuracy we are not always in a position to guarantee. As such TBRC Business Research Pvt Ltd can accept no liability whatever for actions taken based on any information that may subsequently prove to be incorrect. Analysis and findings included in TBRC reports and presentations are our estimates, opinions and are not intended as statements of fact or investment guidance.

Contact Us:

The Business Research Company

Americas +1 310-496-7795

Europe +44 7882 955267

Asia & Others +44 7882 955267 & +91 8897263534

Email: info@tbrc.info

Follow Us On:

LinkedIn: <https://in.linkedin.com/company/the-business-research-company>"

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

This press release can be viewed online at: <https://www.einpresswire.com/article/907151805>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.