

Encoders for Industrial Robot Market, Global Outlook and Forecast 2022-2028

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Abstracts

An encoder is an electromechanical device which generates an electrical signal depending on the position or the displacement of the measured item. In mobile robotics, rotary encoders are used to measure the movement (direction and speed) of each of the wheels of the robot.

This report contains market size and forecasts of Encoders for Industrial Robot in global, including the following market information:

Global Encoders for Industrial Robot Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Encoders for Industrial Robot Market Sales, 2017-2022, 2023-2028, (Units)

Global top five Encoders for Industrial Robot companies in 2021 (%)

The global Encoders for Industrial Robot market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Absolute Encoders Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Encoders for Industrial Robot include RLS, Heidenhain

(AMO), FRABA Group, Netzer, Renishaw, Nikon, Asahi Kasei Microdevices (AKM), Kawasaki Robotics and The Timken Company, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Encoders for Industrial Robot manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Encoders for Industrial Robot Market, by Functionality, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Encoders for Industrial Robot Market Segment Percentages, by Functionality, 2021 (%)

Absolute Encoders

Incremental Encoders

Global Encoders for Industrial Robot Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Encoders for Industrial Robot Market Segment Percentages, by Application, 2021 (%)

Articulated Robots

Parallel Robots

SCARA Robots

Cylindrical Robots

Cartesian Robots

Global Encoders for Industrial Robot Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (Units)

Global Encoders for Industrial Robot Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Encoders for Industrial Robot revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Encoders for Industrial Robot revenues share in global market, 2021 (%)

Key companies Encoders for Industrial Robot sales in global market, 2017-2022

(Estimated), (Units)

Key companies Encoders for Industrial Robot sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

RLS

Heidenhain (AMO)

FRABA Group

Netzer

Renishaw

Nikon

Asahi Kasei Microdevices (AKM)

Kawasaki Robotics

The Timken Company

Omron

Lika Electronic

Dynapar

POSIC

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