

# Global Optical Incremental Rotary Encoder Sales Market Report Forecast 2017 to 2022

<https://marketpublishers.com/r/G164AF6CFD3EN.html>

Date: July 2017

Pages: 118

Price: US\$ 3,040.00 (Single User License)

ID: G164AF6CFD3EN

## Abstracts

Delivery of the Report will take 2-3 working days once order is placed.

The report offers a comprehensive evaluation of the market. It does so via in-depth insights, understanding market evolution by tracking historical developments, and analyzing the present scenario and future projections based on optimistic and likely scenarios. Each research report serves as a repository of analysis and information for every facet of the market, including but not limited to: Regional markets, technology developments, types, applications, and the competitive landscape.

The study is a source of reliable data on:

Key market segments and sub-segments

Evolving market trends and dynamics

Changing supply and demand scenarios

Quantifying market opportunities through market sizing and market forecasting

Tracking current trends/opportunities/challenges

Competitive insights

Opportunity mapping in terms of technological breakthroughs

This research report analyzes this market on the basis of its market segments, major geographies, and current market trends. Geographies analyzed under this research report include:

United States

China

Europe

Japan

The Major players reported in the market include:

OMRON

Autonics

Encoder Product

Pepperl+Fuchs

Renishaw

Heidenhain

Baumer Group

Koyo Electronics

FRABA Group

Product Segment Analysis:

Type 1

Type 2

Type 3

Application Segment Analysis:

Application 1

Application 2

Application 3

Reasons for Buying this Report

This report provides pin-point analysis for changing competitive dynamics

It provides a forward looking perspective on different factors driving or restraining market growth

It provides a six-year forecast assessed on the basis of how the market is predicted to grow

It helps in understanding the key product segments and their future

It provides pin point analysis of changing competition dynamics and keeps you ahead of competitors

It helps in making informed business decisions by having complete insights of market and by making in-depth analysis of market segments

It provides distinctive graphics and exemplified analysis of major market segments

## Contents

### **1 OPTICAL INCREMENTAL ROTARY ENCODER MARKET OVERVIEW**

- 1.1 Product Overview and Scope of Optical Incremental Rotary Encoder
- 1.2 Classification of Optical Incremental Rotary Encoder
  - 1.2.1 Type
  - 1.2.2 Type
  - 1.2.3 Type
- 1.3 Application of Optical Incremental Rotary Encoder
  - 1.3.2 Application
  - 1.3.3 Application
  - 1.3.4 Application
- 1.4 Optical Incremental Rotary Encoder Market States Status and Prospect (2012-2022) by Regions
  - 1.4.1 United States
  - 1.4.2 China
  - 1.4.3 Europe
  - 1.4.4 Japan
- 1.5 Global Market Size of Optical Incremental Rotary Encoder (2012-2022)
  - 1.5.1 Global Optical Incremental Rotary Encoder Sales and Growth Rate (2012-2022)
  - 1.5.2 Global Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2022)

### **2 GLOBAL ECONOMIC IMPACT ON OPTICAL INCREMENTAL ROTARY ENCODER INDUSTRY**

- 2.1 Global Macroeconomic Environment Analysis
  - 2.1.1 Global Macroeconomic Analysis
  - 2.1.2 Global Macroeconomic Environment Development Trend
- 2.2 Global Macroeconomic Environment Analysis by Regions

### **3 OPTICAL INCREMENTAL ROTARY ENCODER MANUFACTURING COST ANALYSIS**

- 3.1 Optical Incremental Rotary Encoder Key Raw Materials Analysis
  - 3.1.1 Key Raw Materials
  - 3.1.2 Price Trend of Key Raw Materials
  - 3.1.3 Key Suppliers of Raw Materials

- 3.1.4 Market Concentration Rate of Raw Materials
- 3.2 Proportion of Manufacturing Cost Structure
  - 3.2.1 Raw Materials
  - 3.2.2 Labor Cost
  - 3.2.3 Manufacturing Process Analysis of Optical Incremental Rotary Encoder

#### **4 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

- 4.1 Optical Incremental Rotary Encoder Industrial Chain Analysis
- 4.2 Upstream Raw Materials Sourcing
- 4.3 Raw Materials Sources of Optical Incremental Rotary Encoder Major Manufacturers in 2016
- 4.4 Downstream Buyers

#### **5 GLOBAL OPTICAL INCREMENTAL ROTARY ENCODER COMPETITION BY MANUFACTURERS, TYPE AND APPLICATION**

- 5.1 Global Optical Incremental Rotary Encoder Market Competition by Manufacturers
  - 5.1.1 Global Optical Incremental Rotary Encoder Sales and Market Share of Key Manufacturers (2012-2017)
  - 5.1.2 Global Optical Incremental Rotary Encoder Revenue and Share by Manufacturers (2012-2017)
- 5.2 Global Optical Incremental Rotary Encoder (Volume and Value) by Type
  - 5.2.1 Global Optical Incremental Rotary Encoder Sales and Market Share by Type (2012-2017)
  - 5.2.2 Global Optical Incremental Rotary Encoder Revenue and Market Share by Type (2012-2017)
- 5.3 Global Optical Incremental Rotary Encoder (Volume and Value) by Regions
  - 5.3.1 Global Optical Incremental Rotary Encoder Sales and Market Share by Regions (2012-2017)
  - 5.3.2 Global Optical Incremental Rotary Encoder Revenue and Market Share by Regions (2012-2017)
- 5.4 Global Optical Incremental Rotary Encoder (Volume) by Application

#### **6 UNITED STATES OPTICAL INCREMENTAL ROTARY ENCODER (VOLUME, VALUE AND SALES PRICE)**

- 6.1 United States Optical Incremental Rotary Encoder Sales and Value (2012-2017)
  - 6.1.1 United States Optical Incremental Rotary Encoder Sales and Growth Rate

(2012-2017)

6.1.2 United States Optical Incremental Rotary Encoder Revenue and Growth Rate

(2012-2017)

6.1.3 United States Optical Incremental Rotary Encoder Sales Price Trend

(2012-2017)

6.2 United States Optical Incremental Rotary Encoder Sales and Market Share by Manufacturers

6.3 United States Optical Incremental Rotary Encoder Sales and Market Share by Type

6.4 United States Optical Incremental Rotary Encoder Sales and Market Share by Application

## **7 CHINA OPTICAL INCREMENTAL ROTARY ENCODER (VOLUME, VALUE AND SALES PRICE)**

7.1 China Optical Incremental Rotary Encoder Sales and Value (2012-2017)

7.1.1 China Optical Incremental Rotary Encoder Sales and Growth Rate (2012-2017)

7.1.2 China Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2017)

7.1.3 China Optical Incremental Rotary Encoder Sales Price Trend (2012-2017)

7.2 China Optical Incremental Rotary Encoder Sales and Market Share by Manufacturers

7.3 China Optical Incremental Rotary Encoder Sales and Market Share by Type

7.4 China Optical Incremental Rotary Encoder Sales and Market Share by Application

## **8 EUROPE OPTICAL INCREMENTAL ROTARY ENCODER (VOLUME, VALUE AND SALES PRICE)**

8.1 Europe Optical Incremental Rotary Encoder Sales and Value (2012-2017)

8.1.1 Europe Optical Incremental Rotary Encoder Sales and Growth Rate (2012-2017)

8.1.2 Europe Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2017)

8.1.3 Europe Optical Incremental Rotary Encoder Sales Price Trend (2012-2017)

8.2 Europe Optical Incremental Rotary Encoder Sales and Market Share by Manufacturers

8.3 Europe Optical Incremental Rotary Encoder Sales and Market Share by Type

8.4 Europe Optical Incremental Rotary Encoder Sales and Market Share by Application

## **9 JAPAN OPTICAL INCREMENTAL ROTARY ENCODER (VOLUME, VALUE AND SALES PRICE)**

- 9.1 Japan Optical Incremental Rotary Encoder Sales and Value (2012-2017)
  - 9.1.1 Japan Optical Incremental Rotary Encoder Sales and Growth Rate (2012-2017)
  - 9.1.2 Japan Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2017)
  - 9.1.3 Japan Optical Incremental Rotary Encoder Sales Price Trend (2012-2017)
- 9.2 Japan Optical Incremental Rotary Encoder Sales and Market Share by Manufacturers
- 9.3 Japan Optical Incremental Rotary Encoder Sales and Market Share by Type
- 9.4 Japan Optical Incremental Rotary Encoder Sales and Market Share by Application

## **10 GLOBAL OPTICAL INCREMENTAL ROTARY ENCODER MANUFACTURERS ANALYSIS**

### 10.1 OMRON

- 10.1.1 Company Basic Information, Manufacturing Base and Competitors
- 10.1.2 Product Type, Application and Specification
- 10.1.3 Sales, Revenue, Price and Gross Margin (2012-2017)
- 10.1.4 Business Overview

### 10.2 Autonics

- 10.2.1 Company Basic Information, Manufacturing Base and Competitors
- 10.2.2 Product Type, Application and Specification
- 10.2.3 Sales, Revenue, Price and Gross Margin (2012-2017)
- 10.2.4 Business Overview

### 10.3 Encoder Product

- 10.3.1 Company Basic Information, Manufacturing Base and Competitors
- 10.3.2 Product Type, Application and Specification
- 10.3.3 Sales, Revenue, Price and Gross Margin (2012-2017)
- 10.3.4 Business Overview

### 10.4 Pepperl+Fuchs

- 10.4.1 Company Basic Information, Manufacturing Base and Competitors
- 10.4.2 Product Type, Application and Specification
- 10.4.3 Sales, Revenue, Price and Gross Margin (2012-2017)
- 10.4.4 Business Overview

### 10.5 Renishaw

- 10.5.1 Company Basic Information, Manufacturing Base and Competitors
- 10.5.2 Product Type, Application and Specification
- 10.5.3 Sales, Revenue, Price and Gross Margin (2012-2017)
- 10.5.4 Business Overview

## 10.6 Heidenhain

10.6.1 Company Basic Information, Manufacturing Base and Competitors

10.6.2 Product Type, Application and Specification

10.6.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.6.4 Business Overview

## 10.7 Baumer Group

10.7.1 Company Basic Information, Manufacturing Base and Competitors

10.7.2 Product Type, Application and Specification

10.7.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.7.4 Business Overview

## 10.8 Koyo Electronics

10.8.1 Company Basic Information, Manufacturing Base and Competitors

10.8.2 Product Type, Application and Specification

10.8.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.8.4 Business Overview

## 10.9 FRABA Group

10.9.1 Company Basic Information, Manufacturing Base and Competitors

10.9.2 Product Type, Application and Specification

10.9.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.9.4 Business Overview

## **11 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

### 11.1 Marketing Channel

11.1.1 Direct Marketing

11.1.2 Indirect Marketing

11.1.3 Marketing Channel Development Trend

### 11.2 Market Positioning

11.2.1 Pricing Strategy

11.2.2 Brand Strategy

11.2.3 Target Client

### 11.3 Distributors/Traders List

## **12 MARKET EFFECT FACTORS ANALYSIS**

### 12.1 Technology Progress/Risk

12.1.1 Substitutes Threat

12.1.2 Technology Progress in Related Industry

### 12.2 Consumer Needs/Customer Preference Change



12.3 Economic/Political Environmental Change

## **13 GLOBAL OPTICAL INCREMENTAL ROTARY ENCODER MARKET FORECAST (2017-2022)**

13.1 Global Optical Incremental Rotary Encoder Sales, Revenue Forecast (2017-2022)

13.2 Global Optical Incremental Rotary Encoder Sales Forecast by Regions  
(2017-2022)

13.3 Global Optical Incremental Rotary Encoder Sales Forecast by Type (2017-2022)

13.4 Global Optical Incremental Rotary Encoder Sales Forecast by Application  
(2017-2022)

## **14 APPENDIX**

## List Of Tables

### LIST OF TABLES AND FIGURES

- Figure Picture of Optical Incremental Rotary Encoder
- Table Classification of Optical Incremental Rotary Encoder
- Figure Global Sales Market Share of Optical Incremental Rotary Encoder by Type in 2016
- Table Applications of Optical Incremental Rotary Encoder
- Figure Global Sales Market Share of Optical Incremental Rotary Encoder by Application in 2016
- Figure United States Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2022)
- Figure China Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2022)
- Figure Europe Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2022)
- Figure Japan Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2022)
- Figure Global Optical Incremental Rotary Encoder Sales and Growth Rate (2012-2022)
- Figure Global Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2022)
- Table Global Optical Incremental Rotary Encoder Sales of Key Manufacturers (2012-2017)
- Table Global Optical Incremental Rotary Encoder Sales Share by Manufacturers (2012-2017)
- Figure 2015 Optical Incremental Rotary Encoder Sales Share by Manufacturers
- Figure 2016 Optical Incremental Rotary Encoder Sales Share by Manufacturers
- Table Global Optical Incremental Rotary Encoder Revenue by Manufacturers (2012-2017)
- Table Global Optical Incremental Rotary Encoder Revenue Share by Manufacturers (2012-2017)
- Table 2015 Global Optical Incremental Rotary Encoder Revenue Share by Manufacturers
- Table 2016 Global Optical Incremental Rotary Encoder Revenue Share by Manufacturers
- Table Global Optical Incremental Rotary Encoder Sales and Market Share by Type (2012-2017)
- Table Global Optical Incremental Rotary Encoder Sales Share by Type (2012-2017)

Figure Sales Market Share of Optical Incremental Rotary Encoder by Type (2012-2017)

Figure Global Optical Incremental Rotary Encoder Sales Growth Rate by Type (2012-2017)

Table Global Optical Incremental Rotary Encoder Revenue and Market Share by Type (2012-2017)

Table Global Optical Incremental Rotary Encoder Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Optical Incremental Rotary Encoder by Type (2012-2017)

Figure Global Optical Incremental Rotary Encoder Revenue Growth Rate by Type (2012-2017)

Table Global Optical Incremental Rotary Encoder Sales and Market Share by Regions (2012-2017)

Table Global Optical Incremental Rotary Encoder Sales Share by Regions (2012-2017)

Figure Sales Market Share of Optical Incremental Rotary Encoder by Regions (2012-2017)

Figure Global Optical Incremental Rotary Encoder Sales Growth Rate by Regions (2012-2017)

Table Global Optical Incremental Rotary Encoder Revenue and Market Share by Regions (2012-2017)

Table Global Optical Incremental Rotary Encoder Revenue Share by Regions (2012-2017)

Figure Revenue Market Share of Optical Incremental Rotary Encoder by Regions (2012-2017)

Figure Global Optical Incremental Rotary Encoder Revenue Growth Rate by Regions (2012-2017)

Table Global Optical Incremental Rotary Encoder Sales and Market Share by Application (2012-2017)

Table Global Optical Incremental Rotary Encoder Sales Share by Application (2012-2017)

Figure Sales Market Share of Optical Incremental Rotary Encoder by Application (2012-2017)

Figure Global Optical Incremental Rotary Encoder Sales Growth Rate by Application (2012-2017)

Figure United States Optical Incremental Rotary Encoder Sales and Growth Rate (2012-2017)

Figure United States Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2017)

Figure United States Optical Incremental Rotary Encoder Sales Price Trend (2012-2017)

Table United States Optical Incremental Rotary Encoder Sales by Manufacturers (2012-2017)

Table United States Optical Incremental Rotary Encoder Market Share by Manufacturers (2012-2017)

Table United States Optical Incremental Rotary Encoder Sales by Type (2012-2017)

Table United States Optical Incremental Rotary Encoder Market Share by Type (2012-2017)

Table United States Optical Incremental Rotary Encoder Sales by Application (2012-2017)

Table United States Optical Incremental Rotary Encoder Market Share by Application (2012-2017)

Figure China Optical Incremental Rotary Encoder Sales and Growth Rate (2012-2017)

Figure China Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2017)

Figure China Optical Incremental Rotary Encoder Sales Price Trend (2012-2017)

Table China Optical Incremental Rotary Encoder Sales by Manufacturers (2012-2017)

Table China Optical Incremental Rotary Encoder Market Share by Manufacturers (2012-2017)

Table China Optical Incremental Rotary Encoder Sales by Type (2012-2017)

Table China Optical Incremental Rotary Encoder Market Share by Type (2012-2017)

Table China Optical Incremental Rotary Encoder Sales by Application (2012-2017)

Table China Optical Incremental Rotary Encoder Market Share by Application (2012-2017)

Figure Europe Optical Incremental Rotary Encoder Sales and Growth Rate (2012-2017)

Figure Europe Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2017)

Figure Europe Optical Incremental Rotary Encoder Sales Price Trend (2012-2017)

Table Europe Optical Incremental Rotary Encoder Sales by Manufacturers (2012-2017)

Table Europe Optical Incremental Rotary Encoder Market Share by Manufacturers (2012-2017)

Table Europe Optical Incremental Rotary Encoder Sales by Type (2012-2017)

Table Europe Optical Incremental Rotary Encoder Market Share by Type (2012-2017)

Table Europe Optical Incremental Rotary Encoder Sales by Application (2012-2017)

Table Europe Optical Incremental Rotary Encoder Market Share by Application (2012-2017)

Figure Japan Optical Incremental Rotary Encoder Sales and Growth Rate (2012-2017)

Figure Japan Optical Incremental Rotary Encoder Revenue and Growth Rate (2012-2017)

Figure Japan Optical Incremental Rotary Encoder Sales Price Trend (2012-2017)

Table Japan Optical Incremental Rotary Encoder Sales by Manufacturers (2012-2017)

Table Japan Optical Incremental Rotary Encoder Market Share by Manufacturers (2012-2017)

Table Japan Optical Incremental Rotary Encoder Sales by Type (2012-2017)

Table Japan Optical Incremental Rotary Encoder Market Share by Type (2012-2017)

Table Japan Optical Incremental Rotary Encoder Sales by Application (2012-2017)

Table Japan Optical Incremental Rotary Encoder Market Share by Application (2012-2017)

Table OMRON Basic Information List

Table OMRON Optical Incremental Rotary Encoder Sales, Revenue, Price and Gross Margin (2012-2017)

Figure OMRON Optical Incremental Rotary Encoder Global Market Share (2012-2017)

Table Autonics Basic Information List

Table Autonics Optical Incremental Rotary Encoder Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Autonics Optical Incremental Rotary Encoder Global Market Share (2012-2017)

Table Encoder Product Basic Information List

Table Encoder Product Optical Incremental Rotary Encoder Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Encoder Product Optical Incremental Rotary Encoder Global Market Share (2012-2017)

Table Pepperl+Fuchs Basic Information List

Table Pepperl+Fuchs Optical Incremental Rotary Encoder Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Pepperl+Fuchs Optical Incremental Rotary Encoder Global Market Share (2012-2017)

Table Renishaw Basic Information List

Table Renishaw Optical Incremental Rotary Encoder Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Renishaw Optical Incremental Rotary Encoder Global Market Share (2012-2017)

Table Heidenhain Basic Information List

Table Heidenhain Optical Incremental Rotary Encoder Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Heidenhain Optical Incremental Rotary Encoder Global Market Share (2012-2017)

Table Baumer Group Basic Information List

Table Baumer Group Optical Incremental Rotary Encoder Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Baumer Group Optical Incremental Rotary Encoder Global Market Share

(2012-2017)

Table Koyo Electronics Basic Information List

Table Koyo Electronics Optical Incremental Rotary Encoder Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Koyo Electronics Optical Incremental Rotary Encoder Global Market Share (2012-2017)

Table FRABA Group Basic Information List

Table FRABA Group Optical Incremental Rotary Encoder Sales, Revenue, Price and Gross Margin (2012-2017)

Figure FRABA Group Optical Incremental Rotary Encoder Global Market Share (2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Optical Incremental Rotary Encoder

Figure Manufacturing Process Analysis of Optical Incremental Rotary Encoder

Figure Optical Incremental Rotary Encoder Industrial Chain Analysis

Table Raw Materials Sources of Optical Incremental Rotary Encoder Major Manufacturers in 2016

Table Major Buyers of Optical Incremental Rotary Encoder

Table Distributors/Traders List

Figure Global Optical Incremental Rotary Encoder Sales and Growth Rate Forecast (2017-2022)

Figure Global Optical Incremental Rotary Encoder Revenue and Growth Rate Forecast (2017-2022)

Table Global Optical Incremental Rotary Encoder Sales Forecast by Regions (2017-2022)

Table Global Optical Incremental Rotary Encoder Sales Forecast by Type (2017-2022)

Table Global Optical Incremental Rotary Encoder Sales Forecast by Application (2017-2022)

## **COMPANIES MENTIONED**

OMRON

Autonics

Encoder Product

Pepperl+Fuchs

Renishaw

Heidenhain

Baumer Group  
Koyo Electronics  
FRABA Group  
Tokyo Sokuteikizai  
Nemicon  
CTS  
CUI  
TR Electronic  
Avago Technologies (AVGO)  
Balluff  
HONTKO  
Elma Group  
Kubler  
BEI Sensors  
Grayhill

## I would like to order

Product name: Global Optical Incremental Rotary Encoder Sales Market Report Forecast 2017 to 2022

Product link: <https://marketpublishers.com/r/G164AF6CFD3EN.html>

Price: US\$ 3,040.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G164AF6CFD3EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970