

## Global Optical Rotary Encoder Market Research Report 2016

https://marketpublishers.com/r/G6739613375EN.html

Date: December 2016 Pages: 113 Price: US\$ 2,900.00 (Single User License) ID: G6739613375EN

### Abstracts

#### Notes:

Production, means the output of Optical Rotary Encoder

Revenue, means the sales value of Optical Rotary Encoder

This report studies Optical Rotary Encoder in Global market, especially in North America, Europe, China, Japan, Korea and Taiwan, focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

Bourns Grayhill RS Pro Optek Honeywell Broadcom Dynapar BEI Sensors



**TT Electronics** 

CALT

YUMO

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Optical Rotary Encoder in these regions, from 2011 to 2021 (forecast), like

North America Europe China Japan Korea Taiwan

Split by product type, with production, revenue, price, market share and growth rate of each type, can be divided into

Type I Type II Type III

Split by application, this report focuses on consumption, market share and growth rate of Optical Rotary Encoder in each application, can be divided into

Application 1



Application 2

Application 3



## Contents

Global Optical Rotary Encoder Market Research Report 2016

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

- 1.1 Product Overview and Scope of Optical Rotary Encoder
- 1.2 Optical Rotary Encoder Segment by Type
- 1.2.1 Global Production Market Share of Optical Rotary Encoder by Type in 2015
- 1.2.2 Type I
- 1.2.3 Type II
- 1.2.4 Type III
- 1.3 Optical Rotary Encoder Segment by Application
- 1.3.1 Optical Rotary Encoder Consumption Market Share by Application in 2015
- 1.3.2 Application
- 1.3.3 Application
- 1.3.4 Application
- 1.4 Optical Rotary Encoder Market by Region
  - 1.4.1 North America Status and Prospect (2011-2021)
  - 1.4.2 Europe Status and Prospect (2011-2021)
  - 1.4.3 China Status and Prospect (2011-2021)
  - 1.4.4 Japan Status and Prospect (2011-2021)
  - 1.4.5 Korea Status and Prospect (2011-2021)
- 1.4.6 Taiwan Status and Prospect (2011-2021)
- 1.5 Global Market Size (Value) of Optical Rotary Encoder (2011-2021)

# 2 GLOBAL OPTICAL ROTARY ENCODER MARKET COMPETITION BY MANUFACTURERS

2.1 Global Optical Rotary Encoder Production and Share by Manufacturers (2015 and 2016)

2.2 Global Optical Rotary Encoder Revenue and Share by Manufacturers (2015 and 2016)

2.3 Global Optical Rotary Encoder Average Price by Manufacturers (2015 and 2016)

2.4 Manufacturers Optical Rotary Encoder Manufacturing Base Distribution, Sales Area and Product Type

2.5 Optical Rotary Encoder Market Competitive Situation and Trends

- 2.5.1 Optical Rotary Encoder Market Concentration Rate
- 2.5.2 Optical Rotary Encoder Market Share of Top 3 and Top 5 Manufacturers



2.5.3 Mergers & Acquisitions, Expansion

#### 3 GLOBAL OPTICAL ROTARY ENCODER PRODUCTION, REVENUE (VALUE) BY REGION (2011-2016)

3.1 Global Optical Rotary Encoder Production by Region (2011-2016)

3.2 Global Optical Rotary Encoder Production Market Share by Region (2011-2016)

3.3 Global Optical Rotary Encoder Revenue (Value) and Market Share by Region (2011-2016)

3.4 Global Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

3.5 North America Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

3.6 Europe Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

3.7 China Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

3.8 Japan Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

3.9 Korea Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

3.10 Taiwan Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

#### 4 GLOBAL OPTICAL ROTARY ENCODER SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2011-2016)

4.1 Global Optical Rotary Encoder Consumption by Regions (2011-2016)

4.2 North America Optical Rotary Encoder Production, Consumption, Export, Import by Regions (2011-2016)

4.3 Europe Optical Rotary Encoder Production, Consumption, Export, Import by Regions (2011-2016)

4.4 China Optical Rotary Encoder Production, Consumption, Export, Import by Regions (2011-2016)

4.5 Japan Optical Rotary Encoder Production, Consumption, Export, Import by Regions (2011-2016)

4.6 Korea Optical Rotary Encoder Production, Consumption, Export, Import by Regions (2011-2016)

4.7 Taiwan Optical Rotary Encoder Production, Consumption, Export, Import by



Regions (2011-2016)

#### 5 GLOBAL OPTICAL ROTARY ENCODER PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

5.1 Global Optical Rotary Encoder Production and Market Share by Type (2011-2016)

5.2 Global Optical Rotary Encoder Revenue and Market Share by Type (2011-2016)

5.3 Global Optical Rotary Encoder Price by Type (2011-2016)

5.4 Global Optical Rotary Encoder Production Growth by Type (2011-2016)

#### 6 GLOBAL OPTICAL ROTARY ENCODER MARKET ANALYSIS BY APPLICATION

6.1 Global Optical Rotary Encoder Consumption and Market Share by Application (2011-2016)

6.2 Global Optical Rotary Encoder Consumption Growth Rate by Application (2011-2016)

6.3 Market Drivers and Opportunities

6.3.1 Potential Applications

6.3.2 Emerging Markets/Countries

#### 7 GLOBAL OPTICAL ROTARY ENCODER MANUFACTURERS PROFILES/ANALYSIS

7.1 Bourns

7.1.1 Company Basic Information, Manufacturing Base and Its Competitors

7.1.2 Optical Rotary Encoder Product Type, Application and Specification

7.1.2.1 Type I

7.1.2.2 Type II

7.1.3 Bourns Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)

7.1.4 Main Business/Business Overview

7.2 Grayhill

7.2.1 Company Basic Information, Manufacturing Base and Its Competitors

7.2.2 Optical Rotary Encoder Product Type, Application and Specification

7.2.2.1 Type I

7.2.2.2 Type II

7.2.3 Grayhill Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)

7.2.4 Main Business/Business Overview



7.3 RS Pro

7.3.1 Company Basic Information, Manufacturing Base and Its Competitors

7.3.2 Optical Rotary Encoder Product Type, Application and Specification

7.3.2.1 Type I

7.3.2.2 Type II

7.3.3 RS Pro Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)

7.3.4 Main Business/Business Overview

7.4 Optek

7.4.1 Company Basic Information, Manufacturing Base and Its Competitors

7.4.2 Optical Rotary Encoder Product Type, Application and Specification

7.4.2.1 Type I

7.4.2.2 Type II

7.4.3 Optek Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)

7.4.4 Main Business/Business Overview

7.5 Honeywell

7.5.1 Company Basic Information, Manufacturing Base and Its Competitors

7.5.2 Optical Rotary Encoder Product Type, Application and Specification

7.5.2.1 Type I

7.5.2.2 Type II

7.5.3 Honeywell Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)

7.5.4 Main Business/Business Overview

7.6 Broadcom

7.6.1 Company Basic Information, Manufacturing Base and Its Competitors

7.6.2 Optical Rotary Encoder Product Type, Application and Specification

7.6.2.1 Type I

7.6.2.2 Type II

7.6.3 Broadcom Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)

7.6.4 Main Business/Business Overview

7.7 Dynapar

7.7.1 Company Basic Information, Manufacturing Base and Its Competitors

7.7.2 Optical Rotary Encoder Product Type, Application and Specification

7.7.2.1 Type I

7.7.2.2 Type II

7.7.3 Dynapar Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)



7.7.4 Main Business/Business Overview

7.8 BEI Sensors

7.8.1 Company Basic Information, Manufacturing Base and Its Competitors

7.8.2 Optical Rotary Encoder Product Type, Application and Specification

7.8.2.1 Type I

7.8.2.2 Type II

7.8.3 BEI Sensors Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)

7.8.4 Main Business/Business Overview

7.9 TT Electronics

7.9.1 Company Basic Information, Manufacturing Base and Its Competitors

7.9.2 Optical Rotary Encoder Product Type, Application and Specification

7.9.2.1 Type I

7.9.2.2 Type II

7.9.3 TT Electronics Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)

7.9.4 Main Business/Business Overview

7.10 CALT

7.10.1 Company Basic Information, Manufacturing Base and Its Competitors

7.10.2 Optical Rotary Encoder Product Type, Application and Specification

7.10.2.1 Type I

7.10.2.2 Type II

7.10.3 CALT Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2015 and 2016)

7.10.4 Main Business/Business Overview

7.11 YUMO

#### **8 OPTICAL ROTARY ENCODER MANUFACTURING COST ANALYSIS**

8.1 Optical Rotary Encoder Key Raw Materials Analysis

8.1.1 Key Raw Materials

8.1.2 Price Trend of Key Raw Materials

8.1.3 Key Suppliers of Raw Materials

8.1.4 Market Concentration Rate of Raw Materials

8.2 Proportion of Manufacturing Cost Structure

8.2.1 Raw Materials

8.2.2 Labor Cost

8.2.3 Manufacturing Expenses

8.3 Manufacturing Process Analysis of Optical Rotary Encoder



#### 9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 Optical Rotary Encoder Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Optical Rotary Encoder Major Manufacturers in 2015
- 9.4 Downstream Buyers

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

- 10.1 Marketing Channel
- 10.1.1 Direct Marketing
- 10.1.2 Indirect Marketing
- 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
- 10.2.1 Pricing Strategy
- 10.2.2 Brand Strategy
- 10.2.3 Target Client
- 10.3 Distributors/Traders List

#### 11 MARKET EFFECT FACTORS ANALYSIS

- 11.1 Technology Progress/Risk
  - 11.1.1 Substitutes Threat
- 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

#### 12 GLOBAL OPTICAL ROTARY ENCODER MARKET FORECAST (2016-2021)

12.1 Global Optical Rotary Encoder Production, Revenue Forecast (2016-2021)12.2 Global Optical Rotary Encoder Production, Consumption Forecast by Regions (2016-2021)

12.3 Global Optical Rotary Encoder Production Forecast by Type (2016-2021)

12.4 Global Optical Rotary Encoder Consumption Forecast by Application (2016-2021)

12.5 Optical Rotary Encoder Price Forecast (2016-2021)

#### 13 RESEARCH FINDINGS AND CONCLUSION



#### **14 APPENDIX**

Disclosure Section Research Methodology Data Source China Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



## **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Picture of Optical Rotary Encoder Figure Global Production Market Share of Optical Rotary Encoder by Type in 2015 Figure Product Picture of Type I Table Major Manufacturers of Type I Figure Product Picture of Type II Table Major Manufacturers of Type II Figure Product Picture of Type III Table Major Manufacturers of Type III Table Optical Rotary Encoder Consumption Market Share by Application in 2015 Figure Application 1 Examples Figure Application 2 Examples Figure Application 3 Examples Figure North America Optical Rotary Encoder Revenue (Million USD) and Growth Rate (2011 - 2021)Figure Europe Optical Rotary Encoder Revenue (Million USD) and Growth Rate (2011 - 2021)Figure China Optical Rotary Encoder Revenue (Million USD) and Growth Rate (2011 - 2021)Figure Japan Optical Rotary Encoder Revenue (Million USD) and Growth Rate (2011 - 2021)Figure Korea Optical Rotary Encoder Revenue (Million USD) and Growth Rate (2011 - 2021)Figure Taiwan Optical Rotary Encoder Revenue (Million USD) and Growth Rate (2011 - 2021)Figure Global Optical Rotary Encoder Revenue (Million UDS) and Growth Rate (2011 - 2021)Table Global Optical Rotary Encoder Capacity of Key Manufacturers (2015 and 2016) Table Global Optical Rotary Encoder Capacity Market Share by Manufacturers (2015 and 2016) Figure Global Optical Rotary Encoder Capacity of Key Manufacturers in 2015 Figure Global Optical Rotary Encoder Capacity of Key Manufacturers in 2016 Table Global Optical Rotary Encoder Production of Key Manufacturers (2015 and 2016) Table Global Optical Rotary Encoder Production Share by Manufacturers (2015 and 2016)

Figure 2015 Optical Rotary Encoder Production Share by Manufacturers



Figure 2016 Optical Rotary Encoder Production Share by Manufacturers Table Global Optical Rotary Encoder Revenue (Million USD) by Manufacturers (2015 and 2016)

Table Global Optical Rotary Encoder Revenue Share by Manufacturers (2015 and 2016)

 Table 2015 Global Optical Rotary Encoder Revenue Share by Manufacturers

 Table 2016 Global Optical Rotary Encoder Revenue Share by Manufacturers

Table Global Market Optical Rotary Encoder Average Price of Key Manufacturers (2015 and 2016)

Figure Global Market Optical Rotary Encoder Average Price of Key Manufacturers in 2015

Table Manufacturers Optical Rotary Encoder Manufacturing Base Distribution and Sales Area

Table Manufacturers Optical Rotary Encoder Product Type

Figure Optical Rotary Encoder Market Share of Top 3 Manufacturers

Figure Optical Rotary Encoder Market Share of Top 5 Manufacturers

Table Global Optical Rotary Encoder Capacity by Regions (2011-2016)

Figure Global Optical Rotary Encoder Capacity Market Share by Regions (2011-2016)

Figure Global Optical Rotary Encoder Capacity Market Share by Regions (2011-2016)

Figure 2015 Global Optical Rotary Encoder Capacity Market Share by Regions

Table Global Optical Rotary Encoder Production by Regions (2011-2016)

Figure Global Optical Rotary Encoder Production and Market Share by Regions (2011-2016)

Figure Global Optical Rotary Encoder Production Market Share by Regions (2011-2016) Figure 2015 Global Optical Rotary Encoder Production Market Share by Regions Table Global Optical Rotary Encoder Revenue by Regions (2011-2016)

Table Global Optical Rotary Encoder Revenue Market Share by Regions (2011-2016)

Table 2015 Global Optical Rotary Encoder Revenue Market Share by Regions Table Global Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Table North America Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Table China Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Table Japan Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Table Korea Optical Rotary Encoder Production, Revenue, Price and Gross Margin



(2011-2016)

Table Taiwan Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

 Table Global Optical Rotary Encoder Consumption Market by Regions (2011-2016)

Table Global Optical Rotary Encoder Consumption Market Share by Regions (2011-2016)

Figure Global Optical Rotary Encoder Consumption Market Share by Regions (2011-2016)

Figure 2015 Global Optical Rotary Encoder Consumption Market Share by Regions Table North America Optical Rotary Encoder Production, Consumption, Import & Export (2011-2016)

Table Europe Optical Rotary Encoder Production, Consumption, Import & Export (2011-2016)

Table China Optical Rotary Encoder Production, Consumption, Import & Export (2011-2016)

Table Japan Optical Rotary Encoder Production, Consumption, Import & Export(2011-2016)

Table Korea Optical Rotary Encoder Production, Consumption, Import & Export (2011-2016)

Table Taiwan Optical Rotary Encoder Production, Consumption, Import & Export (2011-2016)

 Table Global Optical Rotary Encoder Production by Type (2011-2016)

Table Global Optical Rotary Encoder Production Share by Type (2011-2016)

Figure Production Market Share of Optical Rotary Encoder by Type (2011-2016)

Figure 2015 Production Market Share of Optical Rotary Encoder by Type

Table Global Optical Rotary Encoder Revenue by Type (2011-2016)

Table Global Optical Rotary Encoder Revenue Share by Type (2011-2016)

Figure Production Revenue Share of Optical Rotary Encoder by Type (2011-2016)

Figure 2015 Revenue Market Share of Optical Rotary Encoder by Type

Table Global Optical Rotary Encoder Price by Type (2011-2016)

Figure Global Optical Rotary Encoder Production Growth by Type (2011-2016)

Table Global Optical Rotary Encoder Consumption by Application (2011-2016)

Table Global Optical Rotary Encoder Consumption Market Share by Application (2011-2016)

Figure Global Optical Rotary Encoder Consumption Market Share by Application in 2015

Table Global Optical Rotary Encoder Consumption Growth Rate by Application (2011-2016)

Figure Global Optical Rotary Encoder Consumption Growth Rate by Application



(2011-2016)

Table Bourns Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Bourns Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Figure Bourns Optical Rotary Encoder Market Share (2011-2016)

Table Grayhill Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Grayhill Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Figure Grayhill Optical Rotary Encoder Market Share (2011-2016)

Table RS Pro Basic Information, Manufacturing Base, Sales Area and Its Competitors Table RS Pro Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Figure RS Pro Optical Rotary Encoder Market Share (2011-2016)

Table Optek Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Optek Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Figure Optek Optical Rotary Encoder Market Share (2011-2016)

Table Honeywell Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Honeywell Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Figure Honeywell Optical Rotary Encoder Market Share (2011-2016)

Table Broadcom Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Broadcom Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Figure Broadcom Optical Rotary Encoder Market Share (2011-2016)

Table Dynapar Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Dynapar Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Figure Dynapar Optical Rotary Encoder Market Share (2011-2016)

Table BEI Sensors Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table BEI Sensors Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016)

Figure BEI Sensors Optical Rotary Encoder Market Share (2011-2016)

Table TT Electronics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table TT Electronics Optical Rotary Encoder Production, Revenue, Price and Gross



Margin (2011-2016)

Figure TT Electronics Optical Rotary Encoder Market Share (2011-2016) Table CALT Basic Information, Manufacturing Base, Sales Area and Its Competitors Table CALT Optical Rotary Encoder Production, Revenue, Price and Gross Margin (2011-2016) Figure CALT Optical Rotary Encoder Market Share (2011-2016) 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 Rotary Encoder Figure Manufacturing Process Analysis of Optical Rotary Encoder Figure Optical Rotary Encoder Industrial Chain Analysis Table Raw Materials Sources of Optical Rotary Encoder Major Manufacturers in 2015 Table Major Buyers of Optical Rotary Encoder Table Distributors/Traders List Figure Global Optical Rotary Encoder Production and Growth Rate Forecast (2016-2021) Figure Global Optical Rotary Encoder Revenue and Growth Rate Forecast (2016-2021) Table Global Optical Rotary Encoder Production Forecast by Regions (2016-2021) Table Global Optical Rotary Encoder Consumption Forecast by Regions (2016-2021) Table Global Optical Rotary Encoder Production Forecast by Type (2016-2021)

Table Global Optical Rotary Encoder Consumption Forecast by Application (2016-2021)



#### I would like to order

Product name: Global Optical Rotary Encoder Market Research Report 2016 Product link: <u>https://marketpublishers.com/r/G6739613375EN.html</u> Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

> If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

#### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G6739613375EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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