

# Global Fiber Bragg Grating Displacement Sensor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G766F125DC49EN.html>

Date: March 2023

Pages: 118

Price: US\$ 4,480.00 (Single User License)

ID: G766F125DC49EN

## Abstracts

The global Fiber Bragg Grating Displacement Sensor market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global Fiber Bragg Grating Displacement Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Fiber Bragg Grating Displacement Sensor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Fiber Bragg Grating Displacement Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Fiber Bragg Grating Displacement Sensor total production and demand, 2018-2029, (K Units)

Global Fiber Bragg Grating Displacement Sensor total production value, 2018-2029, (USD Million)

Global Fiber Bragg Grating Displacement Sensor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Fiber Bragg Grating Displacement Sensor consumption by region & country,

CAGR, 2018-2029 & (K Units)

U.S. VS China: Fiber Bragg Grating Displacement Sensor domestic production, consumption, key domestic manufacturers and share

Global Fiber Bragg Grating Displacement Sensor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Fiber Bragg Grating Displacement Sensor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Fiber Bragg Grating Displacement Sensor production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Fiber Bragg Grating Displacement Sensor market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Micron Optics, Technica Optical Components, Proximion AB, HBM FiberSensing, FBGS Technologies, Smart Fibres, HBM FiberSensing, Optromix and OptaSense, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Fiber Bragg Grating Displacement Sensor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Fiber Bragg Grating Displacement Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Fiber Bragg Grating Displacement Sensor Market, Segmentation by Type

Surface Mount

Embedded Mount

### Global Fiber Bragg Grating Displacement Sensor Market, Segmentation by Application

Construction

Aerospace

Petrochemical

Others

### Companies Profiled:

Micron Optics

Technica Optical Components

Proximion AB

HBM FiberSensing

FBGS Technologies

Smart Fibres

HBM FiberSensing

Optromix

OptaSense

JDSU

O/E Land

FISO Technologies

Agilent Technologies

Luna Innovations

National Instruments Corporation

Optics Chip

## Key Questions Answered

1. How big is the global Fiber Bragg Grating Displacement Sensor market?
2. What is the demand of the global Fiber Bragg Grating Displacement Sensor market?
3. What is the year over year growth of the global Fiber Bragg Grating Displacement Sensor market?
4. What is the production and production value of the global Fiber Bragg Grating

Displacement Sensor market?

5. Who are the key producers in the global Fiber Bragg Grating Displacement Sensor market?

6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Fiber Bragg Grating Displacement Sensor Introduction
- 1.2 World Fiber Bragg Grating Displacement Sensor Supply & Forecast
  - 1.2.1 World Fiber Bragg Grating Displacement Sensor Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Fiber Bragg Grating Displacement Sensor Production (2018-2029)
  - 1.2.3 World Fiber Bragg Grating Displacement Sensor Pricing Trends (2018-2029)
- 1.3 World Fiber Bragg Grating Displacement Sensor Production by Region (Based on Production Site)
  - 1.3.1 World Fiber Bragg Grating Displacement Sensor Production Value by Region (2018-2029)
  - 1.3.2 World Fiber Bragg Grating Displacement Sensor Production by Region (2018-2029)
  - 1.3.3 World Fiber Bragg Grating Displacement Sensor Average Price by Region (2018-2029)
  - 1.3.4 North America Fiber Bragg Grating Displacement Sensor Production (2018-2029)
  - 1.3.5 Europe Fiber Bragg Grating Displacement Sensor Production (2018-2029)
  - 1.3.6 China Fiber Bragg Grating Displacement Sensor Production (2018-2029)
  - 1.3.7 Japan Fiber Bragg Grating Displacement Sensor Production (2018-2029)
  - 1.3.8 South Korea Fiber Bragg Grating Displacement Sensor Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Fiber Bragg Grating Displacement Sensor Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Fiber Bragg Grating Displacement Sensor Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Fiber Bragg Grating Displacement Sensor Demand (2018-2029)
- 2.2 World Fiber Bragg Grating Displacement Sensor Consumption by Region
  - 2.2.1 World Fiber Bragg Grating Displacement Sensor Consumption by Region (2018-2023)
  - 2.2.2 World Fiber Bragg Grating Displacement Sensor Consumption Forecast by

## Region (2024-2029)

2.3 United States Fiber Bragg Grating Displacement Sensor Consumption (2018-2029)

2.4 China Fiber Bragg Grating Displacement Sensor Consumption (2018-2029)

2.5 Europe Fiber Bragg Grating Displacement Sensor Consumption (2018-2029)

2.6 Japan Fiber Bragg Grating Displacement Sensor Consumption (2018-2029)

2.7 South Korea Fiber Bragg Grating Displacement Sensor Consumption (2018-2029)

2.8 ASEAN Fiber Bragg Grating Displacement Sensor Consumption (2018-2029)

2.9 India Fiber Bragg Grating Displacement Sensor Consumption (2018-2029)

## **3 WORLD FIBER BRAGG GRATING DISPLACEMENT SENSOR MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Fiber Bragg Grating Displacement Sensor Production Value by Manufacturer (2018-2023)

3.2 World Fiber Bragg Grating Displacement Sensor Production by Manufacturer (2018-2023)

3.3 World Fiber Bragg Grating Displacement Sensor Average Price by Manufacturer (2018-2023)

3.4 Fiber Bragg Grating Displacement Sensor Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Fiber Bragg Grating Displacement Sensor Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Fiber Bragg Grating Displacement Sensor in 2022

3.5.3 Global Concentration Ratios (CR8) for Fiber Bragg Grating Displacement Sensor in 2022

3.6 Fiber Bragg Grating Displacement Sensor Market: Overall Company Footprint Analysis

3.6.1 Fiber Bragg Grating Displacement Sensor Market: Region Footprint

3.6.2 Fiber Bragg Grating Displacement Sensor Market: Company Product Type Footprint

3.6.3 Fiber Bragg Grating Displacement Sensor Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

### 4.1 United States VS China: Fiber Bragg Grating Displacement Sensor Production Value Comparison

4.1.1 United States VS China: Fiber Bragg Grating Displacement Sensor Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Fiber Bragg Grating Displacement Sensor Production Value Market Share Comparison (2018 & 2022 & 2029)

### 4.2 United States VS China: Fiber Bragg Grating Displacement Sensor Production Comparison

4.2.1 United States VS China: Fiber Bragg Grating Displacement Sensor Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Fiber Bragg Grating Displacement Sensor Production Market Share Comparison (2018 & 2022 & 2029)

### 4.3 United States VS China: Fiber Bragg Grating Displacement Sensor Consumption Comparison

4.3.1 United States VS China: Fiber Bragg Grating Displacement Sensor Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Fiber Bragg Grating Displacement Sensor Consumption Market Share Comparison (2018 & 2022 & 2029)

### 4.4 United States Based Fiber Bragg Grating Displacement Sensor Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Fiber Bragg Grating Displacement Sensor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Value (2018-2023)

4.4.3 United States Based Manufacturers Fiber Bragg Grating Displacement Sensor Production (2018-2023)

### 4.5 China Based Fiber Bragg Grating Displacement Sensor Manufacturers and Market Share

4.5.1 China Based Fiber Bragg Grating Displacement Sensor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Value (2018-2023)

4.5.3 China Based Manufacturers Fiber Bragg Grating Displacement Sensor Production (2018-2023)

### 4.6 Rest of World Based Fiber Bragg Grating Displacement Sensor Manufacturers and Market Share, 2018-2023



4.6.1 Rest of World Based Fiber Bragg Grating Displacement Sensor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Fiber Bragg Grating Displacement Sensor Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Fiber Bragg Grating Displacement Sensor Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Surface Mount

5.2.2 Embedded Mount

5.3 Market Segment by Type

5.3.1 World Fiber Bragg Grating Displacement Sensor Production by Type (2018-2029)

5.3.2 World Fiber Bragg Grating Displacement Sensor Production Value by Type (2018-2029)

5.3.3 World Fiber Bragg Grating Displacement Sensor Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Fiber Bragg Grating Displacement Sensor Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Construction

6.2.2 Aerospace

6.2.3 Petrochemical

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Fiber Bragg Grating Displacement Sensor Production by Application (2018-2029)

6.3.2 World Fiber Bragg Grating Displacement Sensor Production Value by Application (2018-2029)

6.3.3 World Fiber Bragg Grating Displacement Sensor Average Price by Application (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Micron Optics

7.1.1 Micron Optics Details

7.1.2 Micron Optics Major Business

7.1.3 Micron Optics Fiber Bragg Grating Displacement Sensor Product and Services

7.1.4 Micron Optics Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Micron Optics Recent Developments/Updates

7.1.6 Micron Optics Competitive Strengths & Weaknesses

### 7.2 Technica Optical Components

7.2.1 Technica Optical Components Details

7.2.2 Technica Optical Components Major Business

7.2.3 Technica Optical Components Fiber Bragg Grating Displacement Sensor Product and Services

7.2.4 Technica Optical Components Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Technica Optical Components Recent Developments/Updates

7.2.6 Technica Optical Components Competitive Strengths & Weaknesses

### 7.3 Proximion AB

7.3.1 Proximion AB Details

7.3.2 Proximion AB Major Business

7.3.3 Proximion AB Fiber Bragg Grating Displacement Sensor Product and Services

7.3.4 Proximion AB Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Proximion AB Recent Developments/Updates

7.3.6 Proximion AB Competitive Strengths & Weaknesses

### 7.4 HBM FiberSensing

7.4.1 HBM FiberSensing Details

7.4.2 HBM FiberSensing Major Business

7.4.3 HBM FiberSensing Fiber Bragg Grating Displacement Sensor Product and Services

7.4.4 HBM FiberSensing Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 HBM FiberSensing Recent Developments/Updates

7.4.6 HBM FiberSensing Competitive Strengths & Weaknesses

### 7.5 FBGS Technologies

7.5.1 FBGS Technologies Details

7.5.2 FBGS Technologies Major Business

7.5.3 FBGS Technologies Fiber Bragg Grating Displacement Sensor Product and Services

7.5.4 FBGS Technologies Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 FBGS Technologies Recent Developments/Updates

7.5.6 FBGS Technologies Competitive Strengths & Weaknesses

7.6 Smart Fibres

7.6.1 Smart Fibres Details

7.6.2 Smart Fibres Major Business

7.6.3 Smart Fibres Fiber Bragg Grating Displacement Sensor Product and Services

7.6.4 Smart Fibres Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Smart Fibres Recent Developments/Updates

7.6.6 Smart Fibres Competitive Strengths & Weaknesses

7.7 HBM FiberSensing

7.7.1 HBM FiberSensing Details

7.7.2 HBM FiberSensing Major Business

7.7.3 HBM FiberSensing Fiber Bragg Grating Displacement Sensor Product and Services

7.7.4 HBM FiberSensing Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 HBM FiberSensing Recent Developments/Updates

7.7.6 HBM FiberSensing Competitive Strengths & Weaknesses

7.8 Optromix

7.8.1 Optromix Details

7.8.2 Optromix Major Business

7.8.3 Optromix Fiber Bragg Grating Displacement Sensor Product and Services

7.8.4 Optromix Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Optromix Recent Developments/Updates

7.8.6 Optromix Competitive Strengths & Weaknesses

7.9 OptaSense

7.9.1 OptaSense Details

7.9.2 OptaSense Major Business

7.9.3 OptaSense Fiber Bragg Grating Displacement Sensor Product and Services

7.9.4 OptaSense Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 OptaSense Recent Developments/Updates

7.9.6 OptaSense Competitive Strengths & Weaknesses

## 7.10 JDSU

### 7.10.1 JDSU Details

### 7.10.2 JDSU Major Business

### 7.10.3 JDSU Fiber Bragg Grating Displacement Sensor Product and Services

### 7.10.4 JDSU Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.10.5 JDSU Recent Developments/Updates

### 7.10.6 JDSU Competitive Strengths & Weaknesses

## 7.11 O/E Land

### 7.11.1 O/E Land Details

### 7.11.2 O/E Land Major Business

### 7.11.3 O/E Land Fiber Bragg Grating Displacement Sensor Product and Services

### 7.11.4 O/E Land Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.11.5 O/E Land Recent Developments/Updates

### 7.11.6 O/E Land Competitive Strengths & Weaknesses

## 7.12 FISO Technologies

### 7.12.1 FISO Technologies Details

### 7.12.2 FISO Technologies Major Business

### 7.12.3 FISO Technologies Fiber Bragg Grating Displacement Sensor Product and Services

### 7.12.4 FISO Technologies Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.12.5 FISO Technologies Recent Developments/Updates

### 7.12.6 FISO Technologies Competitive Strengths & Weaknesses

## 7.13 Agilent Technologies

### 7.13.1 Agilent Technologies Details

### 7.13.2 Agilent Technologies Major Business

### 7.13.3 Agilent Technologies Fiber Bragg Grating Displacement Sensor Product and Services

### 7.13.4 Agilent Technologies Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.13.5 Agilent Technologies Recent Developments/Updates

### 7.13.6 Agilent Technologies Competitive Strengths & Weaknesses

## 7.14 Luna Innovations

### 7.14.1 Luna Innovations Details

### 7.14.2 Luna Innovations Major Business

### 7.14.3 Luna Innovations Fiber Bragg Grating Displacement Sensor Product and Services

- 7.14.4 Luna Innovations Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.14.5 Luna Innovations Recent Developments/Updates
- 7.14.6 Luna Innovations Competitive Strengths & Weaknesses
- 7.15 National Instruments Corporation
  - 7.15.1 National Instruments Corporation Details
  - 7.15.2 National Instruments Corporation Major Business
  - 7.15.3 National Instruments Corporation Fiber Bragg Grating Displacement Sensor Product and Services
  - 7.15.4 National Instruments Corporation Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 National Instruments Corporation Recent Developments/Updates
  - 7.15.6 National Instruments Corporation Competitive Strengths & Weaknesses
- 7.16 Optics Chip
  - 7.16.1 Optics Chip Details
  - 7.16.2 Optics Chip Major Business
  - 7.16.3 Optics Chip Fiber Bragg Grating Displacement Sensor Product and Services
  - 7.16.4 Optics Chip Fiber Bragg Grating Displacement Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.16.5 Optics Chip Recent Developments/Updates
  - 7.16.6 Optics Chip Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Fiber Bragg Grating Displacement Sensor Industry Chain
- 8.2 Fiber Bragg Grating Displacement Sensor Upstream Analysis
  - 8.2.1 Fiber Bragg Grating Displacement Sensor Core Raw Materials
  - 8.2.2 Main Manufacturers of Fiber Bragg Grating Displacement Sensor Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Fiber Bragg Grating Displacement Sensor Production Mode
- 8.6 Fiber Bragg Grating Displacement Sensor Procurement Model
- 8.7 Fiber Bragg Grating Displacement Sensor Industry Sales Model and Sales Channels
  - 8.7.1 Fiber Bragg Grating Displacement Sensor Sales Model
  - 8.7.2 Fiber Bragg Grating Displacement Sensor Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Fiber Bragg Grating Displacement Sensor Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Fiber Bragg Grating Displacement Sensor Production Value by Region (2018-2023) & (USD Million)

Table 3. World Fiber Bragg Grating Displacement Sensor Production Value by Region (2024-2029) & (USD Million)

Table 4. World Fiber Bragg Grating Displacement Sensor Production Value Market Share by Region (2018-2023)

Table 5. World Fiber Bragg Grating Displacement Sensor Production Value Market Share by Region (2024-2029)

Table 6. World Fiber Bragg Grating Displacement Sensor Production by Region (2018-2023) & (K Units)

Table 7. World Fiber Bragg Grating Displacement Sensor Production by Region (2024-2029) & (K Units)

Table 8. World Fiber Bragg Grating Displacement Sensor Production Market Share by Region (2018-2023)

Table 9. World Fiber Bragg Grating Displacement Sensor Production Market Share by Region (2024-2029)

Table 10. World Fiber Bragg Grating Displacement Sensor Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Fiber Bragg Grating Displacement Sensor Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Fiber Bragg Grating Displacement Sensor Major Market Trends

Table 13. World Fiber Bragg Grating Displacement Sensor Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Fiber Bragg Grating Displacement Sensor Consumption by Region (2018-2023) & (K Units)

Table 15. World Fiber Bragg Grating Displacement Sensor Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Fiber Bragg Grating Displacement Sensor Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Fiber Bragg Grating Displacement Sensor Producers in 2022

Table 18. World Fiber Bragg Grating Displacement Sensor Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Fiber Bragg Grating Displacement Sensor Producers in 2022

Table 20. World Fiber Bragg Grating Displacement Sensor Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Fiber Bragg Grating Displacement Sensor Company Evaluation Quadrant

Table 22. World Fiber Bragg Grating Displacement Sensor Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Fiber Bragg Grating Displacement Sensor Production Site of Key Manufacturer

Table 24. Fiber Bragg Grating Displacement Sensor Market: Company Product Type Footprint

Table 25. Fiber Bragg Grating Displacement Sensor Market: Company Product Application Footprint

Table 26. Fiber Bragg Grating Displacement Sensor Competitive Factors

Table 27. Fiber Bragg Grating Displacement Sensor New Entrant and Capacity Expansion Plans

Table 28. Fiber Bragg Grating Displacement Sensor Mergers & Acquisitions Activity

Table 29. United States VS China Fiber Bragg Grating Displacement Sensor Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Fiber Bragg Grating Displacement Sensor Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Fiber Bragg Grating Displacement Sensor Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Fiber Bragg Grating Displacement Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Fiber Bragg Grating Displacement Sensor Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Market Share (2018-2023)

Table 37. China Based Fiber Bragg Grating Displacement Sensor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Fiber Bragg Grating Displacement Sensor



Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Fiber Bragg Grating Displacement Sensor Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Market Share (2018-2023)

Table 42. Rest of World Based Fiber Bragg Grating Displacement Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Fiber Bragg Grating Displacement Sensor Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Market Share (2018-2023)

Table 47. World Fiber Bragg Grating Displacement Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Fiber Bragg Grating Displacement Sensor Production by Type (2018-2023) & (K Units)

Table 49. World Fiber Bragg Grating Displacement Sensor Production by Type (2024-2029) & (K Units)

Table 50. World Fiber Bragg Grating Displacement Sensor Production Value by Type (2018-2023) & (USD Million)

Table 51. World Fiber Bragg Grating Displacement Sensor Production Value by Type (2024-2029) & (USD Million)

Table 52. World Fiber Bragg Grating Displacement Sensor Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Fiber Bragg Grating Displacement Sensor Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Fiber Bragg Grating Displacement Sensor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Fiber Bragg Grating Displacement Sensor Production by Application (2018-2023) & (K Units)

Table 56. World Fiber Bragg Grating Displacement Sensor Production by Application (2024-2029) & (K Units)

Table 57. World Fiber Bragg Grating Displacement Sensor Production Value by Application (2018-2023) & (USD Million)

Table 58. World Fiber Bragg Grating Displacement Sensor Production Value by Application (2024-2029) & (USD Million)

Table 59. World Fiber Bragg Grating Displacement Sensor Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Fiber Bragg Grating Displacement Sensor Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Micron Optics Basic Information, Manufacturing Base and Competitors

Table 62. Micron Optics Major Business

Table 63. Micron Optics Fiber Bragg Grating Displacement Sensor Product and Services

Table 64. Micron Optics Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Micron Optics Recent Developments/Updates

Table 66. Micron Optics Competitive Strengths & Weaknesses

Table 67. Technica Optical Components Basic Information, Manufacturing Base and Competitors

Table 68. Technica Optical Components Major Business

Table 69. Technica Optical Components Fiber Bragg Grating Displacement Sensor Product and Services

Table 70. Technica Optical Components Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Technica Optical Components Recent Developments/Updates

Table 72. Technica Optical Components Competitive Strengths & Weaknesses

Table 73. Proximion AB Basic Information, Manufacturing Base and Competitors

Table 74. Proximion AB Major Business

Table 75. Proximion AB Fiber Bragg Grating Displacement Sensor Product and Services

Table 76. Proximion AB Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Proximion AB Recent Developments/Updates

Table 78. Proximion AB Competitive Strengths & Weaknesses

Table 79. HBM FiberSensing Basic Information, Manufacturing Base and Competitors

Table 80. HBM FiberSensing Major Business

Table 81. HBM FiberSensing Fiber Bragg Grating Displacement Sensor Product and Services

Table 82. HBM FiberSensing Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. HBM FiberSensing Recent Developments/Updates

Table 84. HBM FiberSensing Competitive Strengths & Weaknesses

Table 85. FBGS Technologies Basic Information, Manufacturing Base and Competitors

Table 86. FBGS Technologies Major Business

Table 87. FBGS Technologies Fiber Bragg Grating Displacement Sensor Product and Services

Table 88. FBGS Technologies Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. FBGS Technologies Recent Developments/Updates

Table 90. FBGS Technologies Competitive Strengths & Weaknesses

Table 91. Smart Fibres Basic Information, Manufacturing Base and Competitors

Table 92. Smart Fibres Major Business

Table 93. Smart Fibres Fiber Bragg Grating Displacement Sensor Product and Services

Table 94. Smart Fibres Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Smart Fibres Recent Developments/Updates

Table 96. Smart Fibres Competitive Strengths & Weaknesses

Table 97. HBM FiberSensing Basic Information, Manufacturing Base and Competitors

Table 98. HBM FiberSensing Major Business

Table 99. HBM FiberSensing Fiber Bragg Grating Displacement Sensor Product and Services

Table 100. HBM FiberSensing Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. HBM FiberSensing Recent Developments/Updates

Table 102. HBM FiberSensing Competitive Strengths & Weaknesses

Table 103. Optromix Basic Information, Manufacturing Base and Competitors

Table 104. Optromix Major Business

Table 105. Optromix Fiber Bragg Grating Displacement Sensor Product and Services

Table 106. Optromix Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Optromix Recent Developments/Updates

Table 108. Optromix Competitive Strengths & Weaknesses

Table 109. OptaSense Basic Information, Manufacturing Base and Competitors

Table 110. OptaSense Major Business

Table 111. OptaSense Fiber Bragg Grating Displacement Sensor Product and Services

Table 112. OptaSense Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. OptaSense Recent Developments/Updates

Table 114. OptaSense Competitive Strengths & Weaknesses

Table 115. JDSU Basic Information, Manufacturing Base and Competitors

Table 116. JDSU Major Business

Table 117. JDSU Fiber Bragg Grating Displacement Sensor Product and Services

Table 118. JDSU Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. JDSU Recent Developments/Updates

Table 120. JDSU Competitive Strengths & Weaknesses

Table 121. O/E Land Basic Information, Manufacturing Base and Competitors

Table 122. O/E Land Major Business

Table 123. O/E Land Fiber Bragg Grating Displacement Sensor Product and Services

Table 124. O/E Land Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. O/E Land Recent Developments/Updates

Table 126. O/E Land Competitive Strengths & Weaknesses

Table 127. FISO Technologies Basic Information, Manufacturing Base and Competitors

Table 128. FISO Technologies Major Business

Table 129. FISO Technologies Fiber Bragg Grating Displacement Sensor Product and Services

Table 130. FISO Technologies Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. FISO Technologies Recent Developments/Updates

Table 132. FISO Technologies Competitive Strengths & Weaknesses

Table 133. Agilent Technologies Basic Information, Manufacturing Base and Competitors

Table 134. Agilent Technologies Major Business

Table 135. Agilent Technologies Fiber Bragg Grating Displacement Sensor Product and Services

Table 136. Agilent Technologies Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Agilent Technologies Recent Developments/Updates

Table 138. Agilent Technologies Competitive Strengths & Weaknesses

Table 139. Luna Innovations Basic Information, Manufacturing Base and Competitors

Table 140. Luna Innovations Major Business

Table 141. Luna Innovations Fiber Bragg Grating Displacement Sensor Product and Services

Table 142. Luna Innovations Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Luna Innovations Recent Developments/Updates

Table 144. Luna Innovations Competitive Strengths & Weaknesses

Table 145. National Instruments Corporation Basic Information, Manufacturing Base and Competitors

Table 146. National Instruments Corporation Major Business

Table 147. National Instruments Corporation Fiber Bragg Grating Displacement Sensor Product and Services

Table 148. National Instruments Corporation Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. National Instruments Corporation Recent Developments/Updates

Table 150. Optics Chip Basic Information, Manufacturing Base and Competitors

Table 151. Optics Chip Major Business

Table 152. Optics Chip Fiber Bragg Grating Displacement Sensor Product and Services

Table 153. Optics Chip Fiber Bragg Grating Displacement Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 154. Global Key Players of Fiber Bragg Grating Displacement Sensor Upstream (Raw Materials)

Table 155. Fiber Bragg Grating Displacement Sensor Typical Customers

Table 156. Fiber Bragg Grating Displacement Sensor Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Fiber Bragg Grating Displacement Sensor Picture

Figure 2. World Fiber Bragg Grating Displacement Sensor Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Fiber Bragg Grating Displacement Sensor Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Fiber Bragg Grating Displacement Sensor Production (2018-2029) & (K Units)

Figure 5. World Fiber Bragg Grating Displacement Sensor Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Fiber Bragg Grating Displacement Sensor Production Value Market Share by Region (2018-2029)

Figure 7. World Fiber Bragg Grating Displacement Sensor Production Market Share by Region (2018-2029)

Figure 8. North America Fiber Bragg Grating Displacement Sensor Production (2018-2029) & (K Units)

Figure 9. Europe Fiber Bragg Grating Displacement Sensor Production (2018-2029) & (K Units)

Figure 10. China Fiber Bragg Grating Displacement Sensor Production (2018-2029) & (K Units)

Figure 11. Japan Fiber Bragg Grating Displacement Sensor Production (2018-2029) & (K Units)

Figure 12. South Korea Fiber Bragg Grating Displacement Sensor Production (2018-2029) & (K Units)

Figure 13. Fiber Bragg Grating Displacement Sensor Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Fiber Bragg Grating Displacement Sensor Consumption (2018-2029) & (K Units)

Figure 16. World Fiber Bragg Grating Displacement Sensor Consumption Market Share by Region (2018-2029)

Figure 17. United States Fiber Bragg Grating Displacement Sensor Consumption (2018-2029) & (K Units)

Figure 18. China Fiber Bragg Grating Displacement Sensor Consumption (2018-2029) & (K Units)

Figure 19. Europe Fiber Bragg Grating Displacement Sensor Consumption (2018-2029) & (K Units)

Figure 20. Japan Fiber Bragg Grating Displacement Sensor Consumption (2018-2029) & (K Units)

Figure 21. South Korea Fiber Bragg Grating Displacement Sensor Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Fiber Bragg Grating Displacement Sensor Consumption (2018-2029) & (K Units)

Figure 23. India Fiber Bragg Grating Displacement Sensor Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Fiber Bragg Grating Displacement Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Fiber Bragg Grating Displacement Sensor Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Fiber Bragg Grating Displacement Sensor Markets in 2022

Figure 27. United States VS China: Fiber Bragg Grating Displacement Sensor Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Fiber Bragg Grating Displacement Sensor Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Fiber Bragg Grating Displacement Sensor Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Market Share 2022

Figure 31. China Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Fiber Bragg Grating Displacement Sensor Production Market Share 2022

Figure 33. World Fiber Bragg Grating Displacement Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Fiber Bragg Grating Displacement Sensor Production Value Market Share by Type in 2022

Figure 35. Surface Mount

Figure 36. Embedded Mount

Figure 37. World Fiber Bragg Grating Displacement Sensor Production Market Share by Type (2018-2029)

Figure 38. World Fiber Bragg Grating Displacement Sensor Production Value Market Share by Type (2018-2029)

Figure 39. World Fiber Bragg Grating Displacement Sensor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Fiber Bragg Grating Displacement Sensor Production Value by

Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Fiber Bragg Grating Displacement Sensor Production Value Market Share by Application in 2022

Figure 42. Construction

Figure 43. Aerospace

Figure 44. Petrochemical

Figure 45. Others

Figure 46. World Fiber Bragg Grating Displacement Sensor Production Market Share by Application (2018-2029)

Figure 47. World Fiber Bragg Grating Displacement Sensor Production Value Market Share by Application (2018-2029)

Figure 48. World Fiber Bragg Grating Displacement Sensor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. Fiber Bragg Grating Displacement Sensor Industry Chain

Figure 50. Fiber Bragg Grating Displacement Sensor Procurement Model

Figure 51. Fiber Bragg Grating Displacement Sensor Sales Model

Figure 52. Fiber Bragg Grating Displacement Sensor Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source



## I would like to order

Product name: Global Fiber Bragg Grating Displacement Sensor Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G766F125DC49EN.html>

Price: US\$ 4,480.00 (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/G766F125DC49EN.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

