

# Global Fiber Bragg Grating Sensors Market Research Report 2012-2024

<https://marketpublishers.com/r/G22944BA71FEN.html>

Date: July 2019

Pages: 130

Price: US\$ 3,780.00 (Single User License)

ID: G22944BA71FEN

## Abstracts

### SUMMARY

The global Fiber Bragg Grating Sensors market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Pressure Sensors

Temperature Sensors

Strain Sensors

Displacement Sensors

Accelerometer

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Micron Optics

Honeywell

FISO Technologies

Omron

FBGS TECHNOLOGIES GMBH

Proximion

Smart Fibres Limited

Sensornet

ITF Labs / 3SPGroup

Keyence

IFOS

NORTHROP GRUMMAN

O/E LAND, Inc

KVH

Photonics Laboratories

Chiral Photonics

FBG TECH

OPTOcon GmbH

Redondo Optics

Broptics

Wutos

Pegasus (Qingdao) Optoelectronics

BEIYANG

Bandweaver

DSC

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Industrial Engineering

Aerospace Industry

Medical

Environment

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Objectives of Research
  - 1.1.1 Definition
  - 1.1.2 Specifications
- 1.2 Market Segment
  - 1.2.1 by Type
    - 1.2.1.1 Pressure Sensors
    - 1.2.1.2 Temperature Sensors
    - 1.2.1.3 Strain Sensors
    - 1.2.1.4 Displacement Sensors
    - 1.2.1.5 Accelerometer
  - 1.2.2 by Application
    - 1.2.2.1 Industrial Engineering
    - 1.2.2.2 Aerospace Industry
    - 1.2.2.3 Medical
    - 1.2.2.4 Environment
  - 1.2.3 by Regions

### **2 INDUSTRY CHAIN**

- 2.1 Industry Chain Structure
- 2.2 Upstream
- 2.3 Market
  - 2.3.1 SWOT
  - 2.3.2 Dynamics

### **3 ENVIRONMENTAL ANALYSIS**

- 3.1 Policy
- 3.2 Economic
- 3.3 Technology
- 3.4 Market Entry

### **4 MARKET SEGMENTATION BY TYPE**

- 4.1 Market Size

- 4.1.1 Pressure Sensors Market, 2013-2018
- 4.1.2 Temperature Sensors Market, 2013-2018
- 4.1.3 Strain Sensors Market, 2013-2018
- 4.1.4 Displacement Sensors Market, 2013-2018
- 4.1.5 Accelerometer Market, 2013-2018
- 4.2 Market Forecast
  - 4.2.1 Pressure Sensors Market Forecast, 2019-2024
  - 4.2.2 Temperature Sensors Market Forecast, 2019-2024
  - 4.2.3 Strain Sensors Market Forecast, 2019-2024
  - 4.2.4 Displacement Sensors Market Forecast, 2019-2024
  - 4.2.5 Accelerometer Market Forecast, 2019-2024

## **5 MARKET SEGMENTATION BY APPLICATION**

- 5.1 Market Size
  - 5.1.1 Industrial Engineering Market, 2013-2018
  - 5.1.2 Aerospace Industry Market, 2013-2018
  - 5.1.3 Medical Market, 2013-2018
  - 5.1.4 Environment Market, 2013-2018
- 5.2 Market Forecast
  - 5.2.1 Industrial Engineering Market Forecast, 2019-2024
  - 5.2.2 Aerospace Industry Market Forecast, 2019-2024
  - 5.2.3 Medical Market Forecast, 2019-2024
  - 5.2.4 Environment Market Forecast, 2019-2024

## **6 MARKET SEGMENTATION BY REGION**

- 6.1 Market Size
  - 6.1.1 Asia-Pacific
    - 6.1.1.1 Asia-Pacific Market, 2012-2018
    - 6.1.1.2 Asia-Pacific Market by Type
    - 6.1.1.3 Asia-Pacific Market by Application
  - 6.1.2 North America
    - 6.1.2.1 North America Market, 2012-2018
    - 6.1.2.2 North America Market by Type
    - 6.1.2.3 North America Market by Application
  - 6.1.3 Europe
    - 6.1.3.1 Europe Market, 2012-2018
    - 6.1.3.2 Europe Market by Type

- 6.1.3.3 Europe Market by Application
- 6.1.4 South America
  - 6.1.4.1 South America Market, 2012-2018
  - 6.1.4.2 South America Market by Type
  - 6.1.4.3 South America Market by Application
- 6.1.5 Middle East & Africa
  - 6.1.5.1 Middle East & Africa Market, 2012-2018
  - 6.1.5.2 Middle East & Africa Market by Type
  - 6.1.5.3 Middle East & Africa Market by Application
- 6.2 Market Forecast
  - 6.2.1 Asia-Pacific Market Forecast, 2019-2024
  - 6.2.2 North America Market Forecast, 2019-2024
  - 6.2.3 Europe Market Forecast, 2019-2024
  - 6.2.4 South America Market Forecast, 2019-2024
  - 6.2.5 Middle East & Africa Market Forecast, 2019-2024

## **7 MARKET COMPETITIVE**

- 7.1 Global Market by Vendors
- 7.2 Market Concentration
- 7.3 Price & Factors
- 7.4 Marketing Channel

## **8 MAJOR VENDORS**

- 8.1 Micron Optics
- 8.2 Honeywell
- 8.3 FISO Technologies
- 8.4 Omron
- 8.5 FBGS TECHNOLOGIES GMBH
- 8.6 Proximion
- 8.7 Smart Fibres Limited
- 8.8 Sensornet
- 8.9 ITF Labs / 3SPGroup
- 8.10 Keyence
- 8.11 IFOS
- 8.12 NORTHROP GRUMMAN
- 8.13 O/E LAND, Inc
- 8.14 KVH

- 8.15 Photonics Laboratories
- 8.16 Chiral Photonics
- 8.17 FBG TECH
- 8.18 OPTOcon GmbH
- 8.19 Redondo Optics
- 8.20 Broptics
- 8.21 Wutos
- 8.22 Pegasus (Qingdao) Optoelectronics
- 8.23 BEIYANG
- 8.24 Bandweaver
- 8.25 DSC

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Product Specifications of Fiber Bragg Grating Sensors

Table Products Segment of Fiber Bragg Grating Sensors

Table Pressure Sensors Overview

Table Temperature Sensors Overview

Table Strain Sensors Overview

Table Displacement Sensors Overview

Table Accelerometer Overview

Table Global Fiber Bragg Grating Sensors Market by Type, 2011-2022 (USD Million)

Table Application Segment of Fiber Bragg Grating Sensors

Table Industrial Engineering Overview

Table Aerospace Industry Overview

Table Medical Overview

Table Environment Overview

Table Global Fiber Bragg Grating Sensors Market by Application, 2011-2022 (USD Million)

Table Global Fiber Bragg Grating Sensors Market by Region, 2011-2022 (USD Million)

Table Cost of Fiber Bragg Grating Sensors

Table Market Dynamics

Table Policy of Fiber Bragg Grating Sensors

Table GDP of Major Countries

Table Pressure Sensors CAGR by Revenue and Volume, 2012-2018

Table Temperature Sensors CAGR by Revenue and Volume, 2012-2018

Table Strain Sensors CAGR by Revenue and Volume, 2012-2018

Table Displacement Sensors CAGR by Revenue and Volume, 2012-2018

Table Accelerometer CAGR by Revenue and Volume, 2012-2018

Table Pressure Sensors CAGR by Revenue and Volume, 2012-2024

Table Temperature Sensors CAGR by Revenue and Volume, 2012-2024

Table Strain Sensors CAGR by Revenue and Volume, 2012-2024

Table Displacement Sensors CAGR by Revenue and Volume, 2012-2024

Table Accelerometer CAGR by Revenue and Volume, 2012-2024

Table Industrial Engineering CAGR by Revenue and Volume, 2012-2018

Table Aerospace Industry CAGR by Revenue and Volume, 2012-2018

Table Medical CAGR by Revenue and Volume, 2012-2018

Table Environment CAGR by Revenue and Volume, 2012-2018

Table Global Fiber Bragg Grating Sensors Market by Vendors, 2012-2018 (USD Million)



Table Global Fiber Bragg Grating Sensors Market by Vendors, 2012-2018 (in Volume)

Table Global Fiber Bragg Grating Sensors Market Share by Vendors, 2012-2018 (USD Million)

Table Global Fiber Bragg Grating Sensors Market Share by Vendors, 2012-2018 (in Volume)

Table Price Factors List

Table Micron Optics Profile List

Table Microecological Modulator Operating Data of Micron Optics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Honeywell Profile List

Table Microecological Modulator Operating Data of Honeywell (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table FISO Technologies Profile List

Table Microecological Modulator Operating Data of FISO Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Omron Profile List

Table Microecological Modulator Operating Data of Omron (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table FBGS TECHNOLOGIES GMBH Profile List

Table Microecological Modulator Operating Data of FBGS TECHNOLOGIES GMBH (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Proximion Profile List

Table Microecological Modulator Operating Data of Proximion (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Smart Fibres Limited Profile List

Table Microecological Modulator Operating Data of Smart Fibres Limited (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Sensornet Profile List

Table Microecological Modulator Operating Data of Sensornet (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table ITF Labs / 3SPGroup Profile List

Table Microecological Modulator Operating Data of ITF Labs / 3SPGroup (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Keyence Profile List

Table Microecological Modulator Operating Data of Keyence (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table IFOS Profile List

Table Microecological Modulator Operating Data of IFOS (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table NORTHROP GRUMMAN Profile List

Table Microecological Modulator Operating Data of NORTHROP GRUMMAN (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table O/E LAND, Inc Profile List

Table Microecological Modulator Operating Data of O/E LAND, Inc (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table KVH Profile List

Table Microecological Modulator Operating Data of KVH (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Photonics Laboratories Profile List

Table Microecological Modulator Operating Data of Photonics Laboratories (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Chiral Photonics Profile List

Table Microecological Modulator Operating Data of Chiral Photonics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table FBG TECH Profile List

Table Microecological Modulator Operating Data of FBG TECH (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table OPTOcon GmbH Profile List

Table Microecological Modulator Operating Data of OPTOcon GmbH (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Redondo Optics Profile List

Table Microecological Modulator Operating Data of Redondo Optics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Broptics Profile List

Table Microecological Modulator Operating Data of Broptics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Wutos Profile List

Table Microecological Modulator Operating Data of Wutos (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Pegasus (Qingdao) Optoelectronics Profile List

Table Microecological Modulator Operating Data of Pegasus (Qingdao) Optoelectronics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table BEIYANG Profile List

Table Microecological Modulator Operating Data of BEIYANG (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Bandweaver Profile List

Table Microecological Modulator Operating Data of Bandweaver (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table DSC Profile List

Table Microecological Modulator Operating Data of DSC (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## List Of Figures

### LIST OF FIGURES

Figure Fiber Bragg Grating Sensors Picture

Figure Industry Chain Structure of Fiber Bragg Grating Sensors

Figure SWOT of Fiber Bragg Grating Sensors

Figure Pressure Sensors Market Size and Growth, 2012-2018 (USD Million)

Figure Pressure Sensors Market Size and Growth, 2012-2018 (in Volume)

Figure Temperature Sensors Market Size and Growth, 2012-2018 (USD Million)

Figure Temperature Sensors Market Size and Growth, 2012-2018 (in Volume)

Figure Strain Sensors Market Size and Growth, 2012-2018 (USD Million)

Figure Strain Sensors Market Size and Growth, 2012-2018 (in Volume)

Figure Displacement Sensors Market Size and Growth, 2012-2018 (USD Million)

Figure Displacement Sensors Market Size and Growth, 2012-2018 (in Volume)

Figure Accelerometer Market Size and Growth, 2012-2018 (USD Million)

Figure Accelerometer Market Size and Growth, 2012-2018 (in Volume)

Figure Pressure Sensors Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Pressure Sensors Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Temperature Sensors Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Temperature Sensors Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Strain Sensors Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Strain Sensors Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Displacement Sensors Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Displacement Sensors Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Accelerometer Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Accelerometer Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Industrial Engineering Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Aerospace Industry Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Medical Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Environment Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size by Type

Figure Asia-Pacific Market Share by Type  
Figure Asia-Pacific Market Size by Application  
Figure Asia-Pacific Market Share by Application  
Figure North America Market Size and Growth, 2012-2018 (USD Million)  
Figure North America Market Size and Growth, 2012-2018 (in Volume)  
Figure North America Market Size by Type  
Figure North America Market Share by Type  
Figure North America Market Size by Application  
Figure North America Market Share by Application  
Figure Europe Market Size and Growth, 2012-2018 (USD Million)  
Figure Europe Market Size and Growth, 2012-2018 (in Volume)  
Figure Europe Market Size by Type  
Figure Europe Market Share by Type  
Figure Europe Market Size by Application  
Figure Europe Market Share by Application  
Figure South America Market Size and Growth, 2012-2018 (USD Million)  
Figure South America Market Size and Growth, 2012-2018 (in Volume)  
Figure South America Market Size by Type  
Figure South America Market Share by Type  
Figure South America Market Size by Application  
Figure South America Market Share by Application  
Figure Middle East & Africa Market Size and Growth, 2012-2018 (USD Million)  
Figure Middle East & Africa Market Size and Growth, 2012-2018 (in Volume)  
Figure Middle East & Africa Market Size by Type  
Figure Middle East & Africa Market Share by Type  
Figure Middle East & Africa Market Size by Application  
Figure Middle East & Africa Market Share by Application  
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure North America Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure North America Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Europe Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Europe Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure South America Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure South America Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Fiber Bragg Grating Sensors Market Concentration by Region  
Figure Marketing Channels Overview

## I would like to order

Product name: Global Fiber Bragg Grating Sensors Market Research Report 2012-2024

Product link: <https://marketpublishers.com/r/G22944BA71FEN.html>

Price: US\$ 3,780.00 (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/G22944BA71FEN.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