

# Global FBG Temperature Sensors Market Research Report 2023

<https://marketpublishers.com/r/G48489651EF6EN.html>

Date: November 2023

Pages: 148

Price: US\$ 2,900.00 (Single User License)

ID: G48489651EF6EN

## Abstracts

This report aims to provide a comprehensive presentation of the global market for FBG Temperature Sensors, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding FBG Temperature Sensors.

The FBG Temperature Sensors market size, estimations, and forecasts are provided in terms of output/shipments (K Units) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global FBG Temperature Sensors market comprehensively. Regional market sizes, concerning products by type, by application and by players, are also provided.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the FBG Temperature Sensors manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, by type, by application, and by regions.

By Company

Micron Optics

## OptaSense(QinetiQ)

Opsens Inc

Halliburton

Proximion

FISO Technologies

ITF Technologies Inc

Omnisens SA

Epsilon Optics

LIOS Technology

Wuhan Ligong Guangke

Bandweaver

Boomdts

Sensornet

Schlumberger

Yokogawa Electric Corporation

Luna Innovations

Optromix

## Segment by Type

Distributed Sensing

## Fiber Optic Point Sensing

### Segment by Application

Power Industry

Transportation Industry

Oil& Gas Industry

Casting Industries

Other

### Production by Region

North America

Europe

China

Japan

South Korea

### Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America

Mexico

Brazil

## Core Chapters

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by region, by type, by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Detailed analysis of FBG Temperature Sensors manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 3: Production/output, value of FBG Temperature Sensors by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 4: Consumption of FBG Temperature Sensors in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 5: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key players, introducing the basic situation of the key companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 8: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 9: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 10: The main points and conclusions of the report.

## Contents

### 1 STUDY COVERAGE

- 1.1 Amorphous Metal Product Introduction
- 1.2 Market by Type
  - 1.2.1 Global Amorphous Metal Market Size by Type, 2018 VS 2022 VS 2029
  - 1.2.2 Iron-Based
  - 1.2.3 Cobalt-Based
  - 1.2.4 Others
- 1.3 Market by Application
  - 1.3.1 Global Amorphous Metal Market Size by Application, 2018 VS 2022 VS 2029
  - 1.3.2 Distribution Transformer
  - 1.3.3 Electric Machinery
  - 1.3.4 Electronic Components
  - 1.3.5 Others
- 1.4 Assumptions and Limitations
- 1.5 Study Objectives
- 1.6 Years Considered

### 2 GLOBAL AMORPHOUS METAL PRODUCTION

- 2.1 Global Amorphous Metal Production Capacity (2018-2029)
- 2.2 Global Amorphous Metal Production by Region: 2018 VS 2022 VS 2029
- 2.3 Global Amorphous Metal Production by Region
  - 2.3.1 Global Amorphous Metal Historic Production by Region (2018-2023)
  - 2.3.2 Global Amorphous Metal Forecasted Production by Region (2024-2029)
  - 2.3.3 Global Amorphous Metal Production Market Share by Region (2018-2029)
- 2.4 North America
- 2.5 Europe
- 2.6 China
- 2.7 Japan

### 3 EXECUTIVE SUMMARY

- 3.1 Global Amorphous Metal Revenue Estimates and Forecasts 2018-2029
- 3.2 Global Amorphous Metal Revenue by Region
  - 3.2.1 Global Amorphous Metal Revenue by Region: 2018 VS 2022 VS 2029
  - 3.2.2 Global Amorphous Metal Revenue by Region (2018-2023)

- 3.2.3 Global Amorphous Metal Revenue by Region (2024-2029)
- 3.2.4 Global Amorphous Metal Revenue Market Share by Region (2018-2029)
- 3.3 Global Amorphous Metal Sales Estimates and Forecasts 2018-2029
- 3.4 Global Amorphous Metal Sales by Region
  - 3.4.1 Global Amorphous Metal Sales by Region: 2018 VS 2022 VS 2029
  - 3.4.2 Global Amorphous Metal Sales by Region (2018-2023)
  - 3.4.3 Global Amorphous Metal Sales by Region (2024-2029)
  - 3.4.4 Global Amorphous Metal Sales Market Share by Region (2018-2029)
- 3.5 US & Canada
- 3.6 Europe
- 3.7 China
- 3.8 Asia (excluding China)
- 3.9 Middle East, Africa and Latin America

## **4 COMPETITION BY MANUFACTURES**

- 4.1 Global Amorphous Metal Sales by Manufacturers
  - 4.1.1 Global Amorphous Metal Sales by Manufacturers (2018-2023)
  - 4.1.2 Global Amorphous Metal Sales Market Share by Manufacturers (2018-2023)
  - 4.1.3 Global Top 10 and Top 5 Largest Manufacturers of Amorphous Metal in 2022
- 4.2 Global Amorphous Metal Revenue by Manufacturers
  - 4.2.1 Global Amorphous Metal Revenue by Manufacturers (2018-2023)
  - 4.2.2 Global Amorphous Metal Revenue Market Share by Manufacturers (2018-2023)
  - 4.2.3 Global Top 10 and Top 5 Companies by Amorphous Metal Revenue in 2022
- 4.3 Global Amorphous Metal Sales Price by Manufacturers
- 4.4 Global Key Players of Amorphous Metal, Industry Ranking, 2021 VS 2022 VS 2023
- 4.5 Analysis of Competitive Landscape
  - 4.5.1 Manufacturers Market Concentration Ratio (CR5 and HHI)
  - 4.5.2 Global Amorphous Metal Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 4.6 Global Key Manufacturers of Amorphous Metal, Manufacturing Base Distribution and Headquarters
- 4.7 Global Key Manufacturers of Amorphous Metal, Product Offered and Application
- 4.8 Global Key Manufacturers of Amorphous Metal, Date of Enter into This Industry
- 4.9 Mergers & Acquisitions, Expansion Plans

## **5 MARKET SIZE BY TYPE**

- 5.1 Global Amorphous Metal Sales by Type

- 5.1.1 Global Amorphous Metal Historical Sales by Type (2018-2023)
- 5.1.2 Global Amorphous Metal Forecasted Sales by Type (2024-2029)
- 5.1.3 Global Amorphous Metal Sales Market Share by Type (2018-2029)
- 5.2 Global Amorphous Metal Revenue by Type
  - 5.2.1 Global Amorphous Metal Historical Revenue by Type (2018-2023)
  - 5.2.2 Global Amorphous Metal Forecasted Revenue by Type (2024-2029)
  - 5.2.3 Global Amorphous Metal Revenue Market Share by Type (2018-2029)
- 5.3 Global Amorphous Metal Price by Type
  - 5.3.1 Global Amorphous Metal Price by Type (2018-2023)
  - 5.3.2 Global Amorphous Metal Price Forecast by Type (2024-2029)

## **6 MARKET SIZE BY APPLICATION**

- 6.1 Global Amorphous Metal Sales by Application
  - 6.1.1 Global Amorphous Metal Historical Sales by Application (2018-2023)
  - 6.1.2 Global Amorphous Metal Forecasted Sales by Application (2024-2029)
  - 6.1.3 Global Amorphous Metal Sales Market Share by Application (2018-2029)
- 6.2 Global Amorphous Metal Revenue by Application
  - 6.2.1 Global Amorphous Metal Historical Revenue by Application (2018-2023)
  - 6.2.2 Global Amorphous Metal Forecasted Revenue by Application (2024-2029)
  - 6.2.3 Global Amorphous Metal Revenue Market Share by Application (2018-2029)
- 6.3 Global Amorphous Metal Price by Application
  - 6.3.1 Global Amorphous Metal Price by Application (2018-2023)
  - 6.3.2 Global Amorphous Metal Price Forecast by Application (2024-2029)

## **7 US & CANADA**

- 7.1 US & Canada Amorphous Metal Market Size by Type
  - 7.1.1 US & Canada Amorphous Metal Sales by Type (2018-2029)
  - 7.1.2 US & Canada Amorphous Metal Revenue by Type (2018-2029)
- 7.2 US & Canada Amorphous Metal Market Size by Application
  - 7.2.1 US & Canada Amorphous Metal Sales by Application (2018-2029)
  - 7.2.2 US & Canada Amorphous Metal Revenue by Application (2018-2029)
- 7.3 US & Canada Amorphous Metal Sales by Country
  - 7.3.1 US & Canada Amorphous Metal Revenue by Country: 2018 VS 2022 VS 2029
  - 7.3.2 US & Canada Amorphous Metal Sales by Country (2018-2029)
  - 7.3.3 US & Canada Amorphous Metal Revenue by Country (2018-2029)
  - 7.3.4 U.S.
  - 7.3.5 Canada



## **8 EUROPE**

### 8.1 Europe Amorphous Metal Market Size by Type

8.1.1 Europe Amorphous Metal Sales by Type (2018-2029)

8.1.2 Europe Amorphous Metal Revenue by Type (2018-2029)

### 8.2 Europe Amorphous Metal Market Size by Application

8.2.1 Europe Amorphous Metal Sales by Application (2018-2029)

8.2.2 Europe Amorphous Metal Revenue by Application (2018-2029)

### 8.3 Europe Amorphous Metal Sales by Country

8.3.1 Europe Amorphous Metal Revenue by Country: 2018 VS 2022 VS 2029

8.3.2 Europe Amorphous Metal Sales by Country (2018-2029)

8.3.3 Europe Amorphous Metal Revenue by Country (2018-2029)

8.3.4 Germany

8.3.5 France

8.3.6 U.K.

8.3.7 Italy

8.3.8 Russia

## **9 CHINA**

### 9.1 China Amorphous Metal Market Size by Type

9.1.1 China Amorphous Metal Sales by Type (2018-2029)

9.1.2 China Amorphous Metal Revenue by Type (2018-2029)

### 9.2 China Amorphous Metal Market Size by Application

9.2.1 China Amorphous Metal Sales by Application (2018-2029)

9.2.2 China Amorphous Metal Revenue by Application (2018-2029)

## **10 ASIA (EXCLUDING CHINA)**

### 10.1 Asia Amorphous Metal Market Size by Type

10.1.1 Asia Amorphous Metal Sales by Type (2018-2029)

10.1.2 Asia Amorphous Metal Revenue by Type (2018-2029)

### 10.2 Asia Amorphous Metal Market Size by Application

10.2.1 Asia Amorphous Metal Sales by Application (2018-2029)

10.2.2 Asia Amorphous Metal Revenue by Application (2018-2029)

### 10.3 Asia Amorphous Metal Sales by Region

10.3.1 Asia Amorphous Metal Revenue by Region: 2018 VS 2022 VS 2029

10.3.2 Asia Amorphous Metal Revenue by Region (2018-2029)

10.3.3 Asia Amorphous Metal Sales by Region (2018-2029)

10.3.4 Japan

10.3.5 South Korea

10.3.6 China Taiwan

10.3.7 Southeast Asia

10.3.8 India

## **11 MIDDLE EAST, AFRICA AND LATIN AMERICA**

11.1 Middle East, Africa and Latin America Amorphous Metal Market Size by Type

11.1.1 Middle East, Africa and Latin America Amorphous Metal Sales by Type (2018-2029)

11.1.2 Middle East, Africa and Latin America Amorphous Metal Revenue by Type (2018-2029)

11.2 Middle East, Africa and Latin America Amorphous Metal Market Size by Application

11.2.1 Middle East, Africa and Latin America Amorphous Metal Sales by Application (2018-2029)

11.2.2 Middle East, Africa and Latin America Amorphous Metal Revenue by Application (2018-2029)

11.3 Middle East, Africa and Latin America Amorphous Metal Sales by Country

11.3.1 Middle East, Africa and Latin America Amorphous Metal Revenue by Country: 2018 VS 2022 VS 2029

11.3.2 Middle East, Africa and Latin America Amorphous Metal Revenue by Country (2018-2029)

11.3.3 Middle East, Africa and Latin America Amorphous Metal Sales by Country (2018-2029)

11.3.4 Brazil

11.3.5 Mexico

11.3.6 Turkey

11.3.7 Israel

11.3.8 GCC Countries

## **12 CORPORATE PROFILES**

12.1 Hitachi Metal

12.1.1 Hitachi Metal Company Information

12.1.2 Hitachi Metal Overview

12.1.3 Hitachi Metal Amorphous Metal Capacity, Sales, Price, Revenue and Gross

## Margin (2018-2023)

12.1.4 Hitachi Metal Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.1.5 Hitachi Metal Recent Developments

## 12.2 Advanced Technology

12.2.1 Advanced Technology Company Information

12.2.2 Advanced Technology Overview

12.2.3 Advanced Technology Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.2.4 Advanced Technology Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.2.5 Advanced Technology Recent Developments

## 12.3 Qingdao Yunlu

12.3.1 Qingdao Yunlu Company Information

12.3.2 Qingdao Yunlu Overview

12.3.3 Qingdao Yunlu Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.3.4 Qingdao Yunlu Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.3.5 Qingdao Yunlu Recent Developments

## 12.4 Henan Zhongyue

12.4.1 Henan Zhongyue Company Information

12.4.2 Henan Zhongyue Overview

12.4.3 Henan Zhongyue Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.4.4 Henan Zhongyue Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.4.5 Henan Zhongyue Recent Developments

## 12.5 China Amorphous Technology

12.5.1 China Amorphous Technology Company Information

12.5.2 China Amorphous Technology Overview

12.5.3 China Amorphous Technology Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.5.4 China Amorphous Technology Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.5.5 China Amorphous Technology Recent Developments

## 12.6 Zhaojing Incorporated

12.6.1 Zhaojing Incorporated Company Information

12.6.2 Zhaojing Incorporated Overview

12.6.3 Zhaojing Incorporated Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.6.4 Zhaojing Incorporated Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.6.5 Zhaojing Incorporated Recent Developments

12.7 Junhua Technology

12.7.1 Junhua Technology Company Information

12.7.2 Junhua Technology Overview

12.7.3 Junhua Technology Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.7.4 Junhua Technology Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.7.5 Junhua Technology Recent Developments

12.8 Londerful New Material

12.8.1 Londerful New Material Company Information

12.8.2 Londerful New Material Overview

12.8.3 Londerful New Material Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.8.4 Londerful New Material Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.8.5 Londerful New Material Recent Developments

12.9 Shenke

12.9.1 Shenke Company Information

12.9.2 Shenke Overview

12.9.3 Shenke Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.9.4 Shenke Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.9.5 Shenke Recent Developments

12.10 Orient Group

12.10.1 Orient Group Company Information

12.10.2 Orient Group Overview

12.10.3 Orient Group Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.10.4 Orient Group Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications

12.10.5 Orient Group Recent Developments

12.11 Foshan Huaxin

12.11.1 Foshan Huaxin Company Information

- 12.11.2 Foshan Huaxin Overview
- 12.11.3 Foshan Huaxin Amorphous Metal Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.11.4 Foshan Huaxin Amorphous Metal Product Model Numbers, Pictures, Descriptions and Specifications
- 12.11.5 Foshan Huaxin Recent Developments

## **13 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS**

- 13.1 Amorphous Metal Industry Chain Analysis
- 13.2 Amorphous Metal Key Raw Materials
  - 13.2.1 Key Raw Materials
  - 13.2.2 Raw Materials Key Suppliers
- 13.3 Amorphous Metal Production Mode & Process
- 13.4 Amorphous Metal Sales and Marketing
  - 13.4.1 Amorphous Metal Sales Channels
  - 13.4.2 Amorphous Metal Distributors
- 13.5 Amorphous Metal Customers

## **14 AMORPHOUS METAL MARKET DYNAMICS**

- 14.1 Amorphous Metal Industry Trends
- 14.2 Amorphous Metal Market Drivers
- 14.3 Amorphous Metal Market Challenges
- 14.4 Amorphous Metal Market Restraints

## **15 KEY FINDING IN THE GLOBAL AMORPHOUS METAL STUDY**

## **16 APPENDIX**

- 16.1 Research Methodology
  - 16.1.1 Methodology/Research Approach
  - 16.1.2 Data Source
- 16.2 Author Details
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global FBG Temperature Sensors Market Value by Type, (US\$ Million) & (2022 VS 2029)

Table 2. Global FBG Temperature Sensors Market Value by Application, (US\$ Million) & (2022 VS 2029)

Table 3. Global FBG Temperature Sensors Production Capacity (K Units) by Manufacturers in 2022

Table 4. Global FBG Temperature Sensors Production by Manufacturers (2018-2023) & (K Units)

Table 5. Global FBG Temperature Sensors Production Market Share by Manufacturers (2018-2023)

Table 6. Global FBG Temperature Sensors Production Value by Manufacturers (2018-2023) & (US\$ Million)

Table 7. Global FBG Temperature Sensors Production Value Share by Manufacturers (2018-2023)

Table 8. Global FBG Temperature Sensors Industry Ranking 2021 VS 2022 VS 2023

Table 9. Company Type (Tier 1, Tier 2 and Tier 3) & (based on the Revenue in FBG Temperature Sensors as of 2022)

Table 10. Global Market FBG Temperature Sensors Average Price by Manufacturers (US\$/Unit) & (2018-2023)

Table 11. Manufacturers FBG Temperature Sensors Production Sites and Area Served

Table 12. Manufacturers FBG Temperature Sensors Product Types

Table 13. Global FBG Temperature Sensors Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion

Table 15. Global FBG Temperature Sensors Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global FBG Temperature Sensors Production Value (US\$ Million) by Region (2018-2023)

Table 17. Global FBG Temperature Sensors Production Value Market Share by Region (2018-2023)

Table 18. Global FBG Temperature Sensors Production Value (US\$ Million) Forecast by Region (2024-2029)

Table 19. Global FBG Temperature Sensors Production Value Market Share Forecast by Region (2024-2029)

Table 20. Global FBG Temperature Sensors Production Comparison by Region: 2018



VS 2022 VS 2029 (K Units)

Table 21. Global FBG Temperature Sensors Production (K Units) by Region (2018-2023)

Table 22. Global FBG Temperature Sensors Production Market Share by Region (2018-2023)

Table 23. Global FBG Temperature Sensors Production (K Units) Forecast by Region (2024-2029)

Table 24. Global FBG Temperature Sensors Production Market Share Forecast by Region (2024-2029)

Table 25. Global FBG Temperature Sensors Market Average Price (US\$/Unit) by Region (2018-2023)

Table 26. Global FBG Temperature Sensors Market Average Price (US\$/Unit) by Region (2024-2029)

Table 27. Global FBG Temperature Sensors Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (K Units)

Table 28. Global FBG Temperature Sensors Consumption by Region (2018-2023) & (K Units)

Table 29. Global FBG Temperature Sensors Consumption Market Share by Region (2018-2023)

Table 30. Global FBG Temperature Sensors Forecasted Consumption by Region (2024-2029) & (K Units)

Table 31. Global FBG Temperature Sensors Forecasted Consumption Market Share by Region (2018-2023)

Table 32. North America FBG Temperature Sensors Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 33. North America FBG Temperature Sensors Consumption by Country (2018-2023) & (K Units)

Table 34. North America FBG Temperature Sensors Consumption by Country (2024-2029) & (K Units)

Table 35. Europe FBG Temperature Sensors Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 36. Europe FBG Temperature Sensors Consumption by Country (2018-2023) & (K Units)

Table 37. Europe FBG Temperature Sensors Consumption by Country (2024-2029) & (K Units)

Table 38. Asia Pacific FBG Temperature Sensors Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (K Units)

Table 39. Asia Pacific FBG Temperature Sensors Consumption by Region (2018-2023) & (K Units)

Table 40. Asia Pacific FBG Temperature Sensors Consumption by Region (2024-2029) & (K Units)

Table 41. Latin America, Middle East & Africa FBG Temperature Sensors Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 42. Latin America, Middle East & Africa FBG Temperature Sensors Consumption by Country (2018-2023) & (K Units)

Table 43. Latin America, Middle East & Africa FBG Temperature Sensors Consumption by Country (2024-2029) & (K Units)

Table 44. Global FBG Temperature Sensors Production (K Units) by Type (2018-2023)

Table 45. Global FBG Temperature Sensors Production (K Units) by Type (2024-2029)

Table 46. Global FBG Temperature Sensors Production Market Share by Type (2018-2023)

Table 47. Global FBG Temperature Sensors Production Market Share by Type (2024-2029)

Table 48. Global FBG Temperature Sensors Production Value (US\$ Million) by Type (2018-2023)

Table 49. Global FBG Temperature Sensors Production Value (US\$ Million) by Type (2024-2029)

Table 50. Global FBG Temperature Sensors Production Value Share by Type (2018-2023)

Table 51. Global FBG Temperature Sensors Production Value Share by Type (2024-2029)

Table 52. Global FBG Temperature Sensors Price (US\$/Unit) by Type (2018-2023)

Table 53. Global FBG Temperature Sensors Price (US\$/Unit) by Type (2024-2029)

Table 54. Global FBG Temperature Sensors Production (K Units) by Application (2018-2023)

Table 55. Global FBG Temperature Sensors Production (K Units) by Application (2024-2029)

Table 56. Global FBG Temperature Sensors Production Market Share by Application (2018-2023)

Table 57. Global FBG Temperature Sensors Production Market Share by Application (2024-2029)

Table 58. Global FBG Temperature Sensors Production Value (US\$ Million) by Application (2018-2023)

Table 59. Global FBG Temperature Sensors Production Value (US\$ Million) by Application (2024-2029)

Table 60. Global FBG Temperature Sensors Production Value Share by Application (2018-2023)

Table 61. Global FBG Temperature Sensors Production Value Share by Application



(2024-2029)

Table 62. Global FBG Temperature Sensors Price (US\$/Unit) by Application (2018-2023)

Table 63. Global FBG Temperature Sensors Price (US\$/Unit) by Application (2024-2029)

Table 64. Micron Optics FBG Temperature Sensors Corporation Information

Table 65. Micron Optics Specification and Application

Table 66. Micron Optics FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 67. Micron Optics Main Business and Markets Served

Table 68. Micron Optics Recent Developments/Updates

Table 69. OptaSense(QinetiQ) FBG Temperature Sensors Corporation Information

Table 70. OptaSense(QinetiQ) Specification and Application

Table 71. OptaSense(QinetiQ) FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 72. OptaSense(QinetiQ) Main Business and Markets Served

Table 73. OptaSense(QinetiQ) Recent Developments/Updates

Table 74. Opsens Inc FBG Temperature Sensors Corporation Information

Table 75. Opsens Inc Specification and Application

Table 76. Opsens Inc FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 77. Opsens Inc Main Business and Markets Served

Table 78. Opsens Inc Recent Developments/Updates

Table 79. Halliburton FBG Temperature Sensors Corporation Information

Table 80. Halliburton Specification and Application

Table 81. Halliburton FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 82. Halliburton Main Business and Markets Served

Table 83. Halliburton Recent Developments/Updates

Table 84. Proximion FBG Temperature Sensors Corporation Information

Table 85. Proximion Specification and Application

Table 86. Proximion FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 87. Proximion Main Business and Markets Served

Table 88. Proximion Recent Developments/Updates

Table 89. FISO Technologies FBG Temperature Sensors Corporation Information

Table 90. FISO Technologies Specification and Application

Table 91. FISO Technologies FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

- Table 92. FISO Technologies Main Business and Markets Served
- Table 93. FISO Technologies Recent Developments/Updates
- Table 94. ITF Technologies Inc FBG Temperature Sensors Corporation Information
- Table 95. ITF Technologies Inc Specification and Application
- Table 96. ITF Technologies Inc FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 97. ITF Technologies Inc Main Business and Markets Served
- Table 98. ITF Technologies Inc Recent Developments/Updates
- Table 99. Omnisens SA FBG Temperature Sensors Corporation Information
- Table 100. Omnisens SA Specification and Application
- Table 101. Omnisens SA FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 102. Omnisens SA Main Business and Markets Served
- Table 103. Omnisens SA Recent Developments/Updates
- Table 104. Epsilon Optics FBG Temperature Sensors Corporation Information
- Table 105. Epsilon Optics Specification and Application
- Table 106. Epsilon Optics FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 107. Epsilon Optics Main Business and Markets Served
- Table 108. Epsilon Optics Recent Developments/Updates
- Table 109. LIOS Technology FBG Temperature Sensors Corporation Information
- Table 110. LIOS Technology Specification and Application
- Table 111. LIOS Technology FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 112. LIOS Technology Main Business and Markets Served
- Table 113. LIOS Technology Recent Developments/Updates
- Table 114. Wuhan Ligong Guangke FBG Temperature Sensors Corporation Information
- Table 115. Wuhan Ligong Guangke Specification and Application
- Table 116. Wuhan Ligong Guangke FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 117. Wuhan Ligong Guangke Main Business and Markets Served
- Table 118. Wuhan Ligong Guangke Recent Developments/Updates
- Table 119. Bandweaver FBG Temperature Sensors Corporation Information
- Table 120. Bandweaver Specification and Application
- Table 121. Bandweaver FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 122. Bandweaver Main Business and Markets Served
- Table 123. Bandweaver Recent Developments/Updates
- Table 124. Boomdts FBG Temperature Sensors Corporation Information

- Table 125. Boomdts Specification and Application
- Table 126. Boomdts FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 127. Boomdts Main Business and Markets Served
- Table 128. Boomdts Recent Developments/Updates
- Table 129. Sensornet FBG Temperature Sensors Corporation Information
- Table 130. Sensornet Specification and Application
- Table 131. Sensornet FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 132. Sensornet Main Business and Markets Served
- Table 133. Sensornet Recent Developments/Updates
- Table 134. Sensornet FBG Temperature Sensors Corporation Information
- Table 135. Schlumberger Specification and Application
- Table 136. Schlumberger FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 137. Schlumberger Main Business and Markets Served
- Table 138. Schlumberger Recent Developments/Updates
- Table 139. Yokogawa Electric Corporation FBG Temperature Sensors Corporation Information
- Table 140. Yokogawa Electric Corporation FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 141. Yokogawa Electric Corporation Main Business and Markets Served
- Table 142. Yokogawa Electric Corporation Recent Developments/Updates
- Table 143. Luna Innovations FBG Temperature Sensors Corporation Information
- Table 144. Luna Innovations Specification and Application
- Table 145. Luna Innovations FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 146. Luna Innovations Main Business and Markets Served
- Table 147. Luna Innovations Recent Developments/Updates
- Table 148. Optromix FBG Temperature Sensors Corporation Information
- Table 149. Optromix Specification and Application
- Table 150. Optromix FBG Temperature Sensors Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 151. Optromix Main Business and Markets Served
- Table 152. Optromix Recent Developments/Updates
- Table 153. Key Raw Materials Lists
- Table 154. Raw Materials Key Suppliers Lists
- Table 155. FBG Temperature Sensors Distributors List
- Table 156. FBG Temperature Sensors Customers List

Table 157. FBG Temperature Sensors Market Trends

Table 158. FBG Temperature Sensors Market Drivers

Table 159. FBG Temperature Sensors Market Challenges

Table 160. FBG Temperature Sensors Market Restraints

Table 161. Research Programs/Design for This Report

Table 162. Key Data Information from Secondary Sources

Table 163. Key Data Information from Primary Sources

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of FBG Temperature Sensors
- Figure 2. Global FBG Temperature Sensors Market Value by Type, (US\$ Million) & (2022 VS 2029)
- Figure 3. Global FBG Temperature Sensors Market Share by Type: 2022 VS 2029
- Figure 4. Distributed Sensing Product Picture
- Figure 5. Fiber Optic Point Sensing Product Picture
- Figure 6. Global FBG Temperature Sensors Market Value by Application, (US\$ Million) & (2022 VS 2029)
- Figure 7. Global FBG Temperature Sensors Market Share by Application: 2022 VS 2029
- Figure 8. Power Industry
- Figure 9. Transportation Industry
- Figure 10. Oil& Gas Industry
- Figure 11. Casting Industries
- Figure 12. Other
- Figure 13. Global FBG Temperature Sensors Production Value (US\$ Million), 2018 VS 2022 VS 2029
- Figure 14. Global FBG Temperature Sensors Production Value (US\$ Million) & (2018-2029)
- Figure 15. Global FBG Temperature Sensors Production (K Units) & (2018-2029)
- Figure 16. Global FBG Temperature Sensors Average Price (US\$/Unit) & (2018-2029)
- Figure 17. FBG Temperature Sensors Report Years Considered
- Figure 18. FBG Temperature Sensors Production Share by Manufacturers in 2022
- Figure 19. FBG Temperature Sensors Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022
- Figure 20. The Global 5 and 10 Largest Players: Market Share by FBG Temperature Sensors Revenue in 2022
- Figure 21. Global FBG Temperature Sensors Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Figure 22. Global FBG Temperature Sensors Production Value Market Share by Region: 2018 VS 2022 VS 2029
- Figure 23. Global FBG Temperature Sensors Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)
- Figure 24. Global FBG Temperature Sensors Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 25. North America FBG Temperature Sensors Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 26. Europe FBG Temperature Sensors Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. China FBG Temperature Sensors Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. Japan FBG Temperature Sensors Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. South Korea FBG Temperature Sensors Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 30. Global FBG Temperature Sensors Consumption by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 31. Global FBG Temperature Sensors Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 32. North America FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 33. North America FBG Temperature Sensors Consumption Market Share by Country (2018-2029)

Figure 34. Canada FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 35. U.S. FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 36. Europe FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 37. Europe FBG Temperature Sensors Consumption Market Share by Country (2018-2029)

Figure 38. Germany FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 39. France FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 40. U.K. FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 41. Italy FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 42. Russia FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 43. Asia Pacific FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 44. Asia Pacific FBG Temperature Sensors Consumption Market Share by



Regions (2018-2029)

Figure 45. China FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 46. Japan FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 47. South Korea FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 48. China Taiwan FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 49. Southeast Asia FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 50. India FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 51. Latin America, Middle East & Africa FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 52. Latin America, Middle East & Africa FBG Temperature Sensors Consumption Market Share by Country (2018-2029)

Figure 53. Mexico FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 54. Brazil FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 55. Turkey FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 56. GCC Countries FBG Temperature Sensors Consumption and Growth Rate (2018-2023) & (K Units)

Figure 57. Global Production Market Share of FBG Temperature Sensors by Type (2018-2029)

Figure 58. Global Production Value Market Share of FBG Temperature Sensors by Type (2018-2029)

Figure 59. Global FBG Temperature Sensors Price (US\$/Unit) by Type (2018-2029)

Figure 60. Global Production Market Share of FBG Temperature Sensors by Application (2018-2029)

Figure 61. Global Production Value Market Share of FBG Temperature Sensors by Application (2018-2029)

Figure 62. Global FBG Temperature Sensors Price (US\$/Unit) by Application (2018-2029)

Figure 63. FBG Temperature Sensors Value Chain

Figure 64. FBG Temperature Sensors Production Process

Figure 65. Channels of Distribution (Direct Vs Distribution)

Figure 66. Distributors Profiles

Figure 67. Bottom-up and Top-down Approaches for This Report

Figure 68. Data Triangulation



## I would like to order

Product name: Global FBG Temperature Sensors Market Research Report 2023

Product link: <https://marketpublishers.com/r/G48489651EF6EN.html>

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](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/G48489651EF6EN.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