

# 2018-2023 Global Fiber Optic Sensors Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Fiber Optic Sensors market for 2018-2023.

Fiber optic sensors are fiber-based devices for sensing some quantity, typically temperature or mechanical strain, but sometimes also displacements, vibrations, pressure, acceleration, rotations or concentrations of chemical species.

At present, in developed countries, the fiber optic sensors industry is generally at a more advanced level. The world's large enterprises are mainly concentrated in USA. Meanwhile, foreign companies have more advanced equipment, strong R & D capability, and leading technical level. However, foreign companies' manufacturing cost is relatively higher, compared with Chinese companies. With the development of Chinese fiber optic sensors production technology, their share in the international market is increasing, and competitiveness in the international market gradually increases.

Over the next five years, LPI(LP Information) projects that Fiber Optic Sensors will register a 9.2% CAGR in terms of revenue, reach US\$ 1480 million by 2023, from US\$ 870 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Fiber Optic Sensors market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Intensity Modulated Fiber Optic Sensors

Phase Modulated Fiber Optic Sensors

Wavelength Modulated Fiber Optic Sensors

Polarization Modulated Fiber Optic Sensors

Segmentation by application:

Oil & Gas

Buildings and Bridges

Tunnels

Dams

Heritage structures

Power grid

Aerospace Applications

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

## GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

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

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### Research objectives

To study and analyze the global Fiber Optic Sensors consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Fiber Optic Sensors market by identifying its various subsegments.

Focuses on the key global Fiber Optic Sensors manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Fiber Optic Sensors with respect to individual growth trends,

future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Fiber Optic Sensors submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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