

# **Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Aerospace Fiber Optic Sensors Market 2018, Forecast to 2023**

<https://marketpublishers.com/r/G474FAFF92DEN.html>

Date: July 2018

Pages: 137

Price: US\$ 4,880.00 (Single User License)

ID: G474FAFF92DEN

## **Abstracts**

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. This report covered the Temperature Sensor, Pressure sensors and rayleigh sensors.

### **SCOPE OF THE REPORT:**

This report focuses on the Aerospace Fiber Optic Sensors in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The consumption of Fiber Optic Sensors Consumption in Aerospace in 2011 is 10370 K Units, with the average growth rate above 15%, this number has reached 27221 K Units, according to the trends we estimate it will reach 60777 K Units around the world; Although there are many applications fields of Fiber Optic Sensors, such as Chemical Industry and Oil, aerospace is one of the most expensive field because its strict demand in the aerospace, the price of Aerospace Fiber Optic Sensors is higher than other fields. It has witnessed the decline of price from 744 USD to 618 USD for nearly 5 years. From the view of type, Temperature Sensor is most widely used form, it accounts for nearly 40% of the whole market, but the price of this kind sensor is not so expensive as other types; From the view of applications, Health monitoring for airframes accounts for nearly half of the whole market, although this ratio has witnessed decline for the past few years, it still ranks the most popular position in aerospace application As one kind of technology intensive industry, it needs solid R&D foundation of the companies, most companies in this report which ranked the top 10 market all has many

years' R&D experience and broadly market channel through wholesales and distributions. With the gross margin above 45%, it is worthwhile to enter this market.

The worldwide market for Aerospace Fiber Optic Sensors is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Micron

Opsens Industrial

Honeywell

Omron

FISO Technologies Inc.

Proximion AB

Technica Optical Components

Technobis

Smart Fibres

IFOS

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Temperature Sensor

Pressure sensors

Strain Sensor

Others

Market Segment by Applications, can be divided into

Health monitoring for airframes

Health monitoring engines

Health monitoring external environment

There are 15 Chapters to deeply display the global Aerospace Fiber Optic Sensors market.

Chapter 1, to describe Aerospace Fiber Optic Sensors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Aerospace Fiber Optic Sensors, with sales, revenue, and price of Aerospace Fiber Optic Sensors, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Aerospace Fiber Optic Sensors, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Aerospace Fiber Optic Sensors market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Aerospace Fiber Optic Sensors sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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