

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

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## **Abstracts**

Safety Sensors is a general term attributed to the sensors used for detection of distance, absence or presence of any object in a restricted zone during physical operations. The Safety Sensors are also denoted as Photo Electric/Opto-Electronic Sensors as they are based on the photoelectric principle of using electromagnetic waves viz, electric, magnetic and light. The safety sensors are present either in the form of sensors, switches or buttons. In this report, we covered the safety sensors and switches classification by product types for manufacturing & processing industries: opto-electronic/ photo electric devices, presence detection sensors, safety switches, safety command devices and classification by product types for automobiles: collision avoidance, obstacle avoidance, lighting & wiper control. They are widely used in aircraft & aerospace, automobile, chemical, food & beverage, machine & tools, material handling, mining, oil & gas industries and so on.

### **Scope of the Report:**

This report focuses on the Safety Sensors and Switches 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. At present, in the foreign industrial developed countries the Safety Sensors and Switches industry is generally at a more advanced level, the world's large enterprises are mainly concentrated in the Europe and Japan. Meanwhile, foreign companies have more mature equipment, strong R&D capability, the technical level is in a leading position. But foreign companies' manufacturing cost is relatively high, compared with china's companies, the manufacturing cost is disadvantage. As the China's Safety Sensors manufacturers production technology continues to improve, their share in the

international market is increasing, competitiveness in the international market gradually increase.

China Safety Sensors and Switches industry has developed into a national industry with certain research and production capacity, industry product mix has gradually improved. Currently, China has become international Safety Sensors large consumption country, but the production technology is relatively laggard, the manufacturers can only produce some low-end product, although after 2010 the new production lines increased, the technology and upstream material is still relying on import. The small enterprises accounted for a large part of the market share in china.

Safety Sensors and Switches industry is a high concentration industry. The illustrious manufacturers is Sick,Pepperl+Fuchs,Rockwell,Ifm,Omron,Datalogic,K. A. Schmersal ,IDEC,Panasonic,Banner Engineering,ABB,Baumer which focus on different application.

Safety Sensors and Switches industry is high technology industry. In the manufacturing process, the important part is the manufacturing equipment and the supply of the upstream material. In the downstream, the most important factor is the downstream demand. With the economic recovery, manufacturing industry play a role in the economic growth. The accidents are inevitable, but with the security awareness improvement, the safety protection devices will grow, and the demand for safety sensors will keep growing.

Although Safety Sensors and Switches still have a lot of opportunities, the study group recommends the new entrants just having money but without technical advantage and upstream and downstream support, not to enter this field.

The worldwide market for Safety Sensors and Switches 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

SICK

Pepperl+Fuchs

Rockwell

Ifm

Omron

Datalogic

K. A. Schmersal

IDEC

Panasonic

Banner Engineering

ABB

Baumer

Delphi

Eaton

Bernstein

Weidmuller

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

Safety light curtains

Safety mats

Safety laser scanners

Other

Market Segment by Applications, can be divided into

Automotive

Food & Beverage

Electronics

Packages

Other

There are 15 Chapters to deeply display the global Safety Sensors and Switches market.

Chapter 1, to describe Safety Sensors and Switches Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Safety Sensors and Switches, with sales, revenue, and price of Safety Sensors and Switches, 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 Safety Sensors and Switches, 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, Safety Sensors and Switches market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;  
Chapter 13, 14 and 15, to describe Safety Sensors and Switches sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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