

Photoelectric Sensors Global Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2023

DIGITAL TRANSFORMATION DRIVES THE MARKET

The photoelectric sensors market showed good growth in 2018 as compared with 2017. Continuing technological advancements in automation result in more and more sensors and devices being deployed in plant systems. With the increasing adoption of Industry 4.0 and Internet of Things (IoT) solutions, the demand for intelligent sensors as data providers will continue to grow, especially from factory automation as this capability enables them to use their equipment and machines with far greater flexibility than ever before.

A strong driver for photoelectric sensors is the emerging Industrial IoT and smart sensing, which requires sensor-based measurements for analysis and decision support purposes.

For the top suppliers, ARC sees a strong concentration in Europe (particularly Ger-

many) and Asia (Japan). Also, both regions host specialized smaller companies. North America also hosts a number of strong suppliers of photoelectric sensors.

Automotive is the most important end user industry for photoelectric sensors, followed by the food & beverage and machinery industries. The major drivers for growth include need for digital transformation or digitalization, machine learning, and reliable and accurate data at the right time to the right people.

Regarding the business cycle, ARC expects rather sound development during the forecast period, despite political crises and currency fluctuation in the world economy.

For more information, please visit us at www.arcweb.com/market-studies/.

STRATEGIC ISSUES

OEMs often stick to their current suppliers of photoelectric sensors. In Asia, price still plays an important role, while in Europe reliability and increasingly embedded intelligence are important buying criteria. This report answers key questions to help new suppliers enter the market and existing suppliers grow their businesses, such as:

- How can suppliers best position photoelectric sensors within an information-driven manufacturing value proposition?
- What types of sensor solutions are users looking for?
- Is it more important to focus on solutions instead of simple product business?

RESEARCH FORMATS

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

RESEARCH FOCUS AREAS

STRATEGIC ANALYSIS

Major Trends
Regional and Industry Trends
Strategies for Buyers & Suppliers

COMPETITIVE ANALYSIS

Market Shares of the Leading Suppliers
Market Shares by Region
 North America
 Europe, Middle East, Africa
 Asia
 Latin America
Market Shares by Sensor Type
 Diffuse
 Fiber Optic
 Light Barriers
Market Shares by Diffuse Type
Market Shares by Light Barriers Type
Market Shares by Output Signal
Market Shares by Industry
 Aerospace & Defense
 Automotive
 Building Automation
 Cement & Glass
 Chemical & Petrochemical
 Electric Power Generation
 Electronics & Electrical
 Food & Beverage

Machinery Manufacturing
Metals
Mining
Oil & Gas
Pharmaceutical & Biotech
Pulp & Paper
Refining
Semiconductors
Water & Wastewater

Market Shares by Machinery Segment
Market Shares by Customer Type
Market Shares by Sales Channel

MARKET FORECASTS & HISTORIES

Total Photoelectric Sensor Business
Shipments by Region
Shipments by Sensor Type
Shipments by Diffuse Type
Shipments by Light Barriers Type
Shipments by Output Signal
Shipments by Industry
Shipments by Machinery Segment
Shipments by Customer Type
Shipments by Sales Channel

INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.

Worldwide Photoelectric Sensors Market

