

Photoelectric Sensors Global Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2022

SMART SENSING WILL DRIVE PHOTOELECTRIC SENSORS MARKET

The photoelectric sensors market showed good growth in 2017 as compared with 2016. This growth was mainly pushed by Asia, where India, China, and other emerging economies will take a leading role. ARC expects Europe and North America to register a below-average growth rate during the forecast period.

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

More than 75 percent of the photoelectric sensors are sold to OEMs. For that reason, ARC now segments these OEM revenues into 22 different machinery types to present a clearer picture of the OEM market.

For the top suppliers, ARC sees a strong concentration in Europe (particularly Germany) 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. Investments will continue in both automotive and food & beverage industries, but ARC expects to see especially strong investments in automotive in 2018.

Regarding the business cycle, ARC expects a 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 research answers key questions to help new suppliers entering 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 of Diffuse by Type

Market Shares of Light Barriers by Type

Market Shares by Output Signal

Market Shares by Industry

Aerospace & Defense
Automotive
Building Automation
Cement & Glass
Chemical & Petrochemical
Electronics & Electrical
Food & Beverage

Machinery Manufacturing

Oil and Gas

Pharmaceutical & Biotech

Pulp & Paper

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 of Diffuse by Type

Shipments of Light Barriers by 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

