

# Proximity Sensors Global Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2023

## INDUSTRIAL IOT WILL DRIVE THE PROXIMITY SENSORS MARKET

This report encompasses the global market for proximity sensors. The market analysis in this report addresses proximity sensors that are used for switching and measuring applications in the industrial automation market and excludes industries and applications that fall outside of this definition.

ARC has categorized proximity sensors by three different technologies - Inductive, Ultrasonic, and Capacitive. This report includes revenues derived from shipments of these three proximity sensing technologies.

The outlook remains positive for proximity sensors, especially in discrete industries because the macro trends that underlie the growth in this market are still in place. These trends include globalization, improving production and process controllability, reducing energy consumption, infrastructure expansion, emerging economies, and an increasing middle class in Asia.

A strong driver for the growth in the sensor market is the emerging Industrial Internet of Things (IIoT), which requires sensor-based measurements for analysis and decision support purposes.

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 proximity sensors.

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/](http://www.arcweb.com/market-studies/).

## STRATEGIC ISSUES

Original equipment manufacturers often stick with their current suppliers of proximity sensors. In Asia, price still plays an important role, while in Europe, reliability and increasingly embedded intelligence are important buying criteria. This market research answers key questions such as:

- How to best position proximity sensors within an information-driven manufacturing value proposition?
- Should focus be on solutions instead of a simple product business?
- Why is Industrial IoT the key driver for proximity sensors?

## 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, Regional, and Industry Trends  
Strategies for Success

### 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

Capacitive

Inductive

Ultrasonic

Market Shares by Output Signal

Analog

CompoNet

Digital

IO Link

Market Shares by Industry

Aerospace & Defense

Automotive

Building Automation

Cement & Glass

Chemical

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 Detecting Range

Market Shares by Distance

Market Shares by Customer Type

Market Shares by Sales Channel

### MARKET FORECASTS & HISTORIES

Total Proximity Sensor Business

Shipments by Region

Shipments by Sensor Type

Shipments by Output Signal

Shipments by Industry

Shipments by Machinery Segment

Shipments by Detecting Range

Shipments by Distance

Shipments by Customer Type

Shipments by Sales Channel

### INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.

Worldwide Proximity Sensors Market

