

# **Inductive Proximity Sensor Market Forecasts to 2028 – Global Analysis By Type (M8, M12, M18), Product (Cylinder Sensors, Rectangular Sensors, Ring & Slot Sensors), Technology (Capacitive, Inductive) and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Inductive Proximity Sensor Market is accounted for \$999.88 million in 2020 and is expected to reach \$2,059.09 million by 2028 growing at a CAGR of 9.5% during the forecast period. The rise in their demand in the industrial automation applications sector and growth in the demand for the Industrial Internet of Things (IIoT) are driving the market growth. However, restrictions in sensing capabilities and availability of other sensors at a lower cost are hampering the growth of the market.

The proximity sensor denotes all sensors which make non-contact detection and which sense objects without physically contacting them. It transforms information on the movement or existence of an object into an electrical signal. These sensors are used to sense any object or a target without the need for any physical contact. These sensors are used in, mobile phones, parking lots, conveyor systems, and various other industrial applications.

Based on the application, the industrial automation segment is going to have lucrative growth during the forecast period, as they are inexpensive and proficient, and industries, like the automotive industry, need such technology to match the rising consumer demand. Moreover, these sensors are used mainly in industrial automation segments.

By geography, Asia Pacific is going to have high growth during the forecast period,

owing to the rising automotive industry in Asia is generating the potential for the market. China has also become both the world's largest car market and the world's major production site for cars, comprising electric vehicles, with much-advanced potential. The rising concept of connected vehicles and electric vehicles additional spur the growth for inductive proximity sensors in the automotive sector across the region.

Some of the key players profiled in the Inductive Proximity Sensor Market include Altech Corp, Autonics Corporation, Datalogic S.p.A., Delta Electronics, Inc., Eaton Corporation Plc, IFM, Keyence Corporation, Omron Corporation, Panasonic Corporation, Pepperl+Fuchs, Riko Opto-electronics Co., Ltd., Rockwell Automation GmbH, Sick AG.

#### Types Covered:

M8

M12

M18

Amplifier-In-Cable

Self-Contained

Separate Amplifier

#### Inductive Proximity Sensors

Switched Negative (NPN) Inductive Proximity Sensor

Switched Positive (PNP) Inductive Proximity Sensor

#### Products Covered:

Cylinder Sensors

Rectangular Sensors

Ring & Slot Sensors

Tubular Sensors

Technologies Covered:

Capacitive

Inductive

Magnetic

Photoelectric

Applications Covered:

Automated Industrial Processes

Automotive Assembly

Harsh Environments

Industrial Environments

Robotics

End Users Covered:

Aerospace and Avionics

Defense

Electronics and Semiconductors

Elevators and Escalators

Food & Beverage

Industrial Automation

Manufacturing Industry

Metals & Mining Industry

Packaging

Pharmaceutical

Transportation and Logistics

Other End Users

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

### What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2018, 2019, 2020, 2024 and 2027

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

## Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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