

IoT Smart Capacitive Proximity Sensors Market, Global Outlook and Forecast 2022-2028

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Abstracts

IoT smart capacitive proximity sensors rely on the ability of objects to hold an electrical charge even when the object is non-conductive. Capacitance is a measure of the amount of charge that can be stored under the application of an applied voltage. The sensor operates by noting the change in capacitance that occurs when an object approaches the sensor. Capacitive proximity sensors are similar in function to inductive sensors but have certain unique design specifications and operating parameters. They rely on the principle of capacitance to detect small objects and can handle both conductive (metallic) and non-metallic material, including unprepared mechanical surfaces and items moving along a conveyor. The usual package style is in the form of a small cylinder with electrodes and wiring at the ends. The capacitive proximity sensor output is typically transmitted as a contact closure or a pulse that is activated when an object reaches a specific distance threshold.

This report contains market size and forecasts of IoT Smart Capacitive Proximity Sensors in global, including the following market information:

Global IoT Smart Capacitive Proximity Sensors Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global IoT Smart Capacitive Proximity Sensors Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five IoT Smart Capacitive Proximity Sensors companies in 2021 (%)

The global IoT Smart Capacitive Proximity Sensors market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast

period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

IP00 Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of IoT Smart Capacitive Proximity Sensors include Siemens, GE, Pepperl+Fuchs, IFM Efector, Eaton, Rockwell Automation, Micro-Epsilon, Omron and Panasonic, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the IoT Smart Capacitive Proximity Sensors manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global IoT Smart Capacitive Proximity Sensors Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global IoT Smart Capacitive Proximity Sensors Market Segment Percentages, by Type, 2021 (%)

IP00

IP01

IP02

IP03

Others

Global IoT Smart Capacitive Proximity Sensors Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global IoT Smart Capacitive Proximity Sensors Market Segment Percentages, by Application, 2021 (%)

Consumer Electronics

Automotive Industry

Aviation Industry

Conveyor Systems

Others

Global IoT Smart Capacitive Proximity Sensors Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global IoT Smart Capacitive Proximity Sensors Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies IoT Smart Capacitive Proximity Sensors revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies IoT Smart Capacitive Proximity Sensors revenues share in global market, 2021 (%)

Key companies IoT Smart Capacitive Proximity Sensors sales in global market, 2017-2022 (Estimated), (K Units)

Key companies IoT Smart Capacitive Proximity Sensors sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Siemens

GE

Pepperl+Fuchs

IFM Efector

Eaton

Rockwell Automation

Micro-Epsilon

Omron

Panasonic

SICK

Hans Turck

Freescale (NXP Semiconductors)

Balluff

Schneider Electric

Honeywell

Aplus Finetek Sensor

Festo

Fargo Controls

Broadcom

Standex Electronics

Locon Sensor Systems

Phidgets

Autonics

HTM Sensors

Comus International

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