

Europe Automotive Sensor Market 2020-2030 by Sensor Type, Technology (MEMs, NEMs), Function, Mechanism, Application, Vehicle Type, Mode of Sales and Country: Trend Forecast and Growth Opportunity

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Abstracts

Europe Automotive Sensor Market 2020-2030 by Sensor Type, Technology (MEMs, NEMs), Function, Mechanism, Application, Vehicle Type, Mode of Sales and Country: Trend Forecast and Growth Opportunity

Europe automotive sensor market accounted for \$4,859.4 million in 2020 and will grow by 7.5% annually over 2020-2030 owing to the rising electrification in automobiles, stringent environment regulations, and growing consumer demand for safety and comfort.

Highlighted with 39 tables and 84 figures, this 153-page report “Europe Automotive Sensor Market 2020-2030 by Sensor Type, Technology (MEMs, NEMs), Function, Mechanism, Application, Vehicle Type, Mode of Sales and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Europe automotive sensor market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2015-2020 and provides forecast from 2021 till 2030 with 2020 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Europe market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify Europe automotive sensor market in every aspect of the classification from perspectives of Sensor Type, Technology, Function, Mechanism, Application, Vehicle Type, Mode of Sales, and Country.

Based on Sensor Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2020-2030 included in each section.

Temperature Sensor

Pressure Sensor

Position Sensor

Speed Sensor

Level Sensor

Inertial Sensor

LiDAR Sensors

Motion Sensors

Gas Sensors

Oxygen (O₂) Sensor

Nitrogen Oxide (NO_x) Sensor

Carbon Dioxide (CO₂) Sensor

Carbon Monoxide Sensor

Proximity Sensor
Image Sensors
Knock Sensor
Force Sensor
Torque Sensor
Other Sensors

Based on Technology, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2020-2030 included in each section.

Micro-Electro-Mechanical Systems (MEMS)

Nano-Electro-Mechanical Systems (NEMS)

Other Technologies

Based on Function, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2020-2030 included in each section.

Physical Property Sensors

Process Variable Sensors

Proximity & Positioning Sensors

Chemical Property Sensors

Based on Mechanism, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2020-2030 included in each section.

Capacitive Sensors

Inductive Sensors

Magnetic Sensors

Optical Sensors

Piezoelectric Sensors

Based on Application, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2020-2030 included in each section.

Powertrain

Chassis

Body Electronics

Safety and Control

Exhaust Systems

ADAS

Telematics

Other Applications

Based on Vehicle Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2020-2030 included in each section.

Non-electric Vehicles

Passenger Cars

Light Commercial Vehicles

Heavy Commercial Vehicles

Two-Wheelers

Electric Vehicles (EV)

Battery Electric Vehicle (BEV)

Hybrid Electric Vehicle (HEV)

Plug-in Hybrid Electric Vehicle (PHEV)

Fuel Cell Electric Vehicle (FCEV)

Based on Mode of Sales, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2020-2030 included in each section.

OEM

Replacement

Geographically, the following national/local markets are fully investigated:

Germany

UK

France

Spain

Italy

Russia

Rest of Europe (further segmented into Netherlands, Switzerland, Turkey, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2020-2030. The breakdown of key national markets by Technology, Application, and Vehicle Type over the forecast years is also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in Europe automotive sensor market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

Allegro MicroSystems LLC

Analog Devices Inc.

Autoliv Inc.

Continental AG

CTS Corporation

Delphi Technologies PLC

Denso Corporation

Hella GmbH and Co. KGaA

Infineon Technologies AG

Melexis NV

NXP Semiconductor N.V.

ON Semiconductor Corp.

Robert Bosch GmbH

STMicroelectronics NV

TE Connectivity Ltd.

ZF Friedrichshafen

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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Continental AG
CTS Corporation
Delphi Technologies PLC
Denso Corporation
Hella GmbH and Co. KGaA
Infineon Technologies AG
Melexis NV
NXP Semiconductor N.V.
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