

Automotive Battery Sensor Market by Voltage Type (12V, 24V, and 48V), Communication Technology (LIN and CAN), Hybrid Vehicle (HEV and PHEV), Vehicle Type (Passenger Car, LCV and HCV), and Region - Global Forecast to 2025

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Abstracts

“Continuous rise in the demand for fuel-efficient vehicles is likely to propel the automotive battery sensor market”

The automotive battery sensor market is estimated to be USD 2.35 billion in 2018 and is projected to grow at a CAGR of 11.09% during the forecast period (2018–2025), to reach a market size of USD 4.92 billion by 2025. Rising emission concerns to curb CO₂, increasing sales of high-end vehicles, and growing vehicle production are some of the major factors driving the growth of the automotive battery sensor market. System malfunctioning is a major factor which is restraining the overall growth of the market.

“The passenger car is estimated to be the fastest growing segment, in terms of value, of the automotive battery sensor market, by vehicle type”

The rising demand for fuel-efficient vehicles, coupled with increasingly stringent emission norms, has propelled the growth of the passenger car segment for automotive battery sensor market. The factors driving the overall growth of PC are the rising demand for luxury vehicles, increased passenger car production in China, India, and Mexico, stringent CO₂ emissions, and improved battery life. Also, the adoption of advanced technologies continues to be high for passenger cars due to the higher production and sales of passenger cars worldwide in comparison to commercial vehicles.

“The HEV is the largest segment of automotive battery sensor market”

The growing sales of HEVs in Japan, China, India, and others are driving the market for automotive battery sensor. Automotive manufacturers are focusing on the production of hybrid vehicles to meet the stringent emission norms. Moreover, policies such as exemption from road tax, crowding charge waiver, and free car parks at various places have encouraged consumers to buy hybrid vehicles. In Asia Pacific, the adoption of HEVs is increasing. China, India, and Japan have made significant investments to encourage the adoption of HEVs.

“Asia Pacific is estimated to be the fastest growing regional market for automotive battery sensor”

Asia Pacific is estimated to be the fastest growing market for automotive battery sensor, with China accounting for the largest market share in 2018. The market growth in the region can be attributed to the increasing vehicle production, high demand for luxury vehicles, rising emission concerns, and growing demand for commercial vehicles.

The study contains insights provided by various industry experts, ranging from equipment suppliers to Tier-1 companies and Tier-2 companies. The break-up of the primaries is as follows:

By Company Type: Tier-1–47%, Tier-2–44%, and Tier 3–9%

By Designation: C—level Executives –41%, Directors–39%, Others–20%

By Region: North America–32%, Europe–39%, Asia Pacific–27%, RoW–2%

The report provides detailed profiles of the following companies

Bosch (Germany)

Continental (Germany)

HELLA (Germany)

NXP (Netherlands)

Vishay (US)

Furukawa Electric (Japan)

Denso (Japan)

Texas Instrument (US)

TE Connectivity (Switzerland)

ams AG (Austria)

Inomatic (Germany)

MTA SPA (Italy)

Research Coverage

The report covers the automotive battery sensor market, in terms of volume (000' Units) and value (USD million). It explains the quantitative aspects of the automotive battery sensor market based on voltage type (12V, 24V, and 48V). The report also segments the automotive battery sensor market by communication technology (LIN and CAN), hybrid vehicle (HEV and PHEV), vehicle type (PC, LCV, and HCV), and region. The market has been projected, in terms of volume (000' units) and value (USD million).

Reasons to Buy the Report:

The report provides insights into the following points:

Market Penetration: The report provides comprehensive information on automotive battery sensor market and the top players in the industry.

Regulatory Framework: The report offers detailed insights into norms related to the automotive battery sensor and the effect of the regulations on the market.

Market Development: The report provides comprehensive information on various technologies of automotive battery sensor. The report analyzes the markets for

various automotive battery sensor technologies across different countries.

Market Diversification: The report provides exhaustive information about emerging technologies, recent developments, and investments in the global automotive battery sensor market.

Competitive Assessment: The report offers an in-depth assessment of strategies, services, and manufacturing capabilities of leading players in the global automotive battery sensor market.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY & PRICING
- 1.5 PACKAGE SIZE
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
- 2.2 SECONDARY DATA
 - 2.2.1 KEY SECONDARY SOURCES
 - 2.2.2 KEY DATA FROM SECONDARY SOURCES
- 2.3 PRIMARY DATA
 - 2.3.1 SAMPLING TECHNIQUES & DATA COLLECTION METHODS
 - 2.3.2 PRIMARY PARTICIPANTS
- 2.4 MARKET SIZE ESTIMATION
 - 2.4.1 BOTTOM-UP APPROACH
- 2.5 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.6 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE AUTOMOTIVE BATTERY SENSOR MARKET
- 4.2 ASIA PACIFIC TO LEAD THE GLOBAL AUTOMOTIVE BATTERY SENSOR MARKET IN 2025
- 4.3 AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE TYPE, 2018 VS 2025
- 4.4 AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2018 VS 2025
- 4.5 AUTOMOTIVE BATTERY SENSOR MARKET, BY COMMUNICATION TECHNOLOGY TYPE

4.6 AUTOMOTIVE BATTERY SENSOR MARKET, BY HYBRID VEHICLE TYPE

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Improved battery performance and efficiency

5.2.1.2 Vehicle electrification

5.2.1.3 Increasing demand for batteries

5.2.2 RESTRAINTS

5.2.2.1 System malfunction

5.2.3 OPPORTUNITIES

5.2.3.1 Adoption of new technologies

5.2.3.2 Rising demand for battery electric vehicles

5.2.3.3 Advent of 48v battery system

5.2.4 CHALLENGES

5.2.4.1 High cost

5.2.5 IMPACT OF MARKET DYNAMICS

6 TECHNOLOGICAL OVERVIEW

6.1 INTELLIGENT BATTERY SENSOR

6.2 STATE OF CHARGE (SOC)

6.3 STATE OF HEALTH (SOH)

6.4 STATE OF FUNCTION (SOF)

7 AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE

7.1 INTRODUCTION

7.2 12V

7.3 24V

7.4 48V

8 AUTOMOTIVE BATTERY SENSOR MARKET, BY COMMUNICATION TECHNOLOGY

8.1 INTRODUCTION

8.2 LOCAL INTERCONNECT NETWORK (LIN)

8.3 CONTROLLER AREA NETWORK (CAN)

9 AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE

9.1 INTRODUCTION

9.2 HEAVY COMMERCIAL VEHICLE (HCV)

9.3 LIGHT COMMERCIAL VEHICLE (LCV)

9.4 PASSENGER CAR (PC)

10 AUTOMOTIVE BATTERY SENSOR MARKET, BY HYBRID VEHICLE TYPE

10.1 INTRODUCTION

10.2 HYBRID ELECTRIC VEHICLE (HEV)

10.3 PLUG-IN HYBRID ELECTRIC VEHICLE (PHEV)

11 AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION

11.1 INTRODUCTION

11.2 ASIA PACIFIC

11.2.1 CHINA

11.2.2 INDIA

11.2.3 JAPAN

11.2.4 SOUTH KOREA

11.2.5 OTHERS

11.3 EUROPE

11.3.1 FRANCE

11.3.2 GERMANY

11.3.3 RUSSIA

11.3.4 SPAIN

11.3.5 TURKEY

11.3.6 UK

11.3.7 OTHERS

11.4 NORTH AMERICA

11.4.1 CANADA

11.4.2 MEXICO

11.4.3 US

11.5 ROW

11.5.1 BRAZIL

11.5.2 IRAN

12 COMPETITIVE LANDSCAPE

12.1 OVERVIEW

12.2 MARKET RANKING ANALYSIS

12.3 COMPETITIVE SCENARIO

12.3.1 NEW PRODUCT DEVELOPMENTS

12.3.2 COLLABORATIONS/JOINT VENTURES/SUPPLY CONTRACTS/ PARTNERSHIPS/AGREEMENTS

12.3.3 EXPANSIONS, 2017–2018

13 COMPANY PROFILES

13.1 KEY PLAYERS

(Business overview, Products offered, Recent Developments, SWOT analysis)*

13.1.1 ROBERT BOSCH

13.1.2 CONTINENTAL

13.1.3 HELLA

13.1.4 VISHAY

13.1.5 NXP

13.1.6 FURUKAWA ELECTRIC

13.1.7 DENSO

13.1.8 TEXAS INSTRUMENTS

13.1.9 TE CONNECTIVITY

13.1.10 AMS AG

13.1.11 INOMATIC

13.1.12 MTA SPA

*Details on Business overview, Products offered, Recent Developments, SWOT analysis might not be captured in case of unlisted companies.

13.2 KEY PLAYERS FROM OTHER REGIONS

13.2.1 NORTH AMERICA

13.2.1.1 Silicon Labs

13.2.1.2 Microchip

13.2.1.3 Mouser Electronics

13.2.1.4 Analog Devices

13.2.2 EUROPE

13.2.2.1 Insplorion AB

13.2.2.2 Infineon Technologies

13.2.2.3 CSM GmbH - Computer-Systeme-Messtechnik

13.2.2.4 Autotec

13.2.2.5 Delphi

13.2.2.6 AVL

13.2.3 ASIA PACIFIC

13.2.3.1 Samsung SDI

13.2.3.2 Renesas

13.2.3.3 Automotive Energy Supply Corporation

13.2.3.4 Panasonic

13.2.4 REST OF THE WORLD (ROW)

13.2.4.1 Abertax Technologies

14 APPENDIX

14.1 DISCUSSION GUIDE

14.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

14.3 AVAILABLE CUSTOMIZATIONS

14.4 RELATED REPORTS

14.5 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 CURRENCY EXCHANGE RATES (W.R.T. USD)

Table 2 AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE, 2016–2025
(000' UNITS)

Table 3 AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE, 2016–2025
(USD MILLION)

Table 4 12V: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(000' UNITS)

Table 5 12V: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(USD MILLION)

Table 6 24V: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(000' UNITS)

Table 7 24V: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(USD MILLION)

Table 8 AUTOMOTIVE BATTERY SENSOR MARKET, BY COMMUNICATION
TECHNOLOGY, 2016–2025 (000' UNITS)

Table 9 LIN: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(000' UNITS)

Table 10 CAN: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(000' UNITS)

Table 11 AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE,
2016–2025 (000' UNITS)

Table 12 AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE,
2016–2025 (USD MILLION)

Table 13 HCV: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(000' UNITS)

Table 14 HCV: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(USD MILLION)

Table 15 LCV: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(000' UNITS)

Table 16 LCV: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(USD MILLION)

Table 17 PC: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(000' UNITS)

Table 18 PC: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025
(USD MILLION)

Table 19 AUTOMOTIVE BATTERY SENSOR MARKET, BY HYBRID VEHICLE, 2016–2025 (000' UNITS)

Table 20 AUTOMOTIVE BATTERY SENSOR MARKET, BY HYBRID VEHICLE, 2016–2025 (USD MILLION)

Table 21 HEV: AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE, 2016–2025 (000' UNITS)

Table 22 HEV: AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE, 2016–2025 (USD MILLION)

Table 23 PHEV: AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE, 2016–2025 (000' UNITS)

Table 24 PHEV: AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE, 2016–2025 (USD MILLION)

Table 25 AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025 (000' UNITS)

Table 26 AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2016–2025 (USD MILLION)

Table 27 ASIA PACIFIC: AUTOMOTIVE BATTERY SENSOR MARKET, BY COUNTRY, 2016–2025 (000' UNITS)

Table 28 ASIA PACIFIC: AUTOMOTIVE BATTERY SENSOR MARKET, BY COUNTRY, 2016–2025 (USD MILLION)

Table 29 CHINA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 30 CHINA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 31 INDIA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 32 INDIA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 33 JAPAN: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 34 JAPAN: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 35 SOUTH KOREA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 36 SOUTH KOREA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 37 OTHERS: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 38 OTHERS: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE,

2016–2025 (USD MILLION)

Table 39 EUROPE: AUTOMOTIVE BATTERY SENSOR MARKET, BY COUNTRY, 2016–2025 (000' UNITS)

Table 40 EUROPE: AUTOMOTIVE BATTERY SENSOR MARKET, BY COUNTRY, 2016–2025 (USD MILLION)

Table 41 FRANCE: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 42 FRANCE: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 43 GERMANY: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 44 GERMANY: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 45 RUSSIA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 46 RUSSIA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 47 SPAIN: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 48 SPAIN: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 49 TURKEY: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 50 TURKEY: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 51 UK: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 52 UK: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 53 OTHERS: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 54 OTHERS: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 55 NORTH AMERICA: AUTOMOTIVE BATTERY SENSOR MARKET, BY COUNTRY, 2016–2025 (000' UNITS)

Table 56 NORTH AMERICA: AUTOMOTIVE BATTERY SENSOR MARKET, BY COUNTRY, 2016–2025 (USD MILLION)

Table 57 CANADA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 58 CANADA: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 59 MEXICO: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 60 MEXICO: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 61 US: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 62 US: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 63 ROW: AUTOMOTIVE BATTERY SENSOR MARKET, BY COUNTRY, 2016–2025 (000' UNITS)

Table 64 ROW: AUTOMOTIVE BATTERY SENSOR MARKET, BY COUNTRY, 2016–2025 (USD MILLION)

Table 65 BRAZIL: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 66 BRAZIL: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 67 IRAN: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (000' UNITS)

Table 68 IRAN: AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2016–2025 (USD MILLION)

Table 69 NEW PRODUCT DEVELOPMENTS, 2016–2018

Table 70 COLLABORATIONS/JOINT VENTURES/SUPPLY CONTRACTS/PARTNERSHIPS/ AGREEMENTS, 2017–2018

List Of Figures

LIST OF FIGURES

- Figure 1 AUTOMOTIVE BATTERY SENSOR MARKET: MARKETS COVERED
- Figure 2 AUTOMOTIVE BATTERY SENSOR MARKET: RESEARCH DESIGN
- Figure 3 RESEARCH METHODOLOGY MODEL
- Figure 4 BREAKDOWN OF PRIMARY INTERVIEWS
- Figure 5 MARKET SIZE ESTIMATION METHODOLOGY FOR THE AUTOMOTIVE BATTERY SENSOR MARKET: BOTTOM-UP APPROACH
- Figure 6 DATA TRIANGULATION
- Figure 7 AUTOMOTIVE BATTERY SENSOR MARKET: MARKET DYNAMICS
- Figure 8 AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2018–2025 (USD MILLION)
- Figure 9 AUTOMOTIVE BATTERY SENSOR MARKET, BY HYBRID VEHICLE TYPE, 2018 VS 2025 (USD MILLION)
- Figure 10 RISING DEMAND FOR FUEL-EFFICIENT VEHICLES IS EXPECTED TO DRIVE THE AUTOMOTIVE BATTERY SENSOR MARKET, 2018–2025 (USD MILLION)
- Figure 11 AUTOMOTIVE BATTERY SENSOR MARKET SHARE, BY REGION, 2018–2025 (USD MILLION)
- Figure 12 12V SEGMENT TO HOLD THE LARGEST MARKET SHARE, 2018 VS 2025 (USD MILLION)
- Figure 13 PASSENGER CAR SEGMENT TO HOLD THE LARGEST MARKET SHARE, 2018 VS 2025 (USD MILLION)
- Figure 14 LIN TO HOLD THE LARGEST MARKET SHARE, 2018 VS 2025 (THOUSAND UNITS)
- Figure 15 HEV SEGMENT TO HOLD THE LARGEST MARKET SHARE, 2018 VS 2025 (USD MILLION)
- Figure 16 AUTOMOTIVE BATTERY SENSOR MARKET: MARKET DYNAMICS
- Figure 17 HYBRID VEHICLE SALES, 2017–2025 (THOUSAND UNITS)
- Figure 18 GLOBAL VEHICLE PRODUCTION, 2014–2017 (MILLION UNITS)
- Figure 19 BATTERY ELECTRIC VEHICLE SALES, 2012–2017 (THOUSAND UNITS)
- Figure 20 FUNCTIONING OF INTELLIGENT BATTERY SENSOR
- Figure 21 AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE, 2018 VS. 2025 (USD MILLION)
- Figure 22 12V: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2018 VS 2025 (USD MILLION)
- Figure 23 24V: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2018 VS 2025 (USD MILLION)

Figure 24 AUTOMOTIVE BATTERY SENSOR MARKET, BY COMMUNICATION TECHNOLOGY, 2018 VS. 2025 (000' UNITS)

Figure 25 LIN: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2018 VS 2025 (000' UNITS)

Figure 26 CAN: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2018 VS 2025 (000' UNITS)

Figure 27 AUTOMOTIVE BATTERY SENSOR MARKET, BY VEHICLE TYPE, 2018 VS. 2025 (USD MILLION)

Figure 28 HCV: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2018 VS 2025 (USD MILLION)

Figure 29 LCV: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2018 VS 2025 (USD MILLION)

Figure 30 PC: AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2018 VS 2025 (USD MILLION)

Figure 31 AUTOMOTIVE BATTERY SENSOR MARKET, BY HYBRID VEHICLE, 2018 VS. 2025 (USD MILLION)

Figure 32 HEV: AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE, 2018 VS 2025 (USD MILLION)

Figure 33 PHEV: AUTOMOTIVE BATTERY SENSOR MARKET, BY VOLTAGE, 2018 VS 2025 (USD MILLION)

Figure 34 AUTOMOTIVE BATTERY SENSOR MARKET, BY REGION, 2018 AND 2025 (USD MILLION)

Figure 35 ASIA PACIFIC: AUTOMOTIVE BATTERY SENSOR MARKET, 2018 VS. 2025 (USD MILLION)

Figure 36 EUROPE: AUTOMOTIVE BATTERY SENSOR MARKET, 2018 VS. 2025 (USD MILLION)

Figure 37 NORTH AMERICA: AUTOMOTIVE BATTERY SENSOR MARKET, 2018 VS. 2025 (USD MILLION)

Figure 38 KEY DEVELOPMENTS BY LEADING PLAYERS IN THE MARKET, 2016–2018

Figure 39 ROBERT BOSCH: COMPANY SNAPSHOT

Figure 40 ROBERT BOSCH: SWOT ANALYSIS

Figure 41 CONTINENTAL: COMPANY SNAPSHOT

Figure 42 CONTINENTAL: SWOT ANALYSIS

Figure 43 HELLA: COMPANY SNAPSHOT

Figure 44 HELLA: SWOT ANALYSIS

Figure 45 VISHAY: COMPANY SNAPSHOT

Figure 46 VISHAY: SWOT ANALYSIS

Figure 47 NXP: COMPANY SNAPSHOT

Figure 48 NXP: SWOT ANALYSIS

Figure 49 FURUKAWA: COMPANY SNAPSHOT

Figure 50 DENSO: COMPANY SNAPSHOT

Figure 51 TEXAS INSTRUMENTS: COMPANY SNAPSHOT

Figure 52 TE CONNECTIVITY: COMPANY SNAPSHOT

Figure 53 AMS AG: COMPANY SNAPSHOT

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