

# Current Sensors: Technologies and Global Markets

<https://marketpublishers.com/r/CA495A91F492EN.html>

Date: August 2020

Pages: 51

Price: US\$ 1,975.00 (Single User License)

ID: CA495A91F492EN

## Abstracts

### REPORT SCOPE:

The scope of the report includes a detailed study of global and regional markets for various types of current sensors and their applications, including explanations of variations in industry growth by region. This report covers types of current sensors such as Hall effect current sensors, fiber optic current sensors, Rogowski coil current sensors, fluxgate transformer current sensors and other miscellaneous current sensors. Estimated values are based on manufacturers' total revenues. Projected and forecasted revenue values are in constant U.S. dollars that have not been adjusted for inflation.

Finally, the report presents an analysis of the competitive dynamics of the current sensors market, including critical success factors such as research and development capability, installed base, branding, and ecosystem influence and partnerships. The report provides profiles of the manufacturers of current sensors. This report considers the economic slowdown caused by the worldwide lockdown owing to the COVID-19 pandemic.

### REPORT INCLUDES:

A brief overview of the global markets for current sensor technologies within the instrumentation industry

Analyses of the global market trends, with data corresponding to market size for 2019, estimates for 2020 and projections of compound annual growth rates (CAGRs) through 2025

Discussion of emerging technologies and innovations behind the development

and applications of current sensors, with a special emphasis on new products being developed and the markets for these products

Coverage of diverse industry applications and market assessment of various current sensor types, including hall effect current sensors, fiber optic current sensors, Rogowski coil current sensors, fluxgate transformer current sensors, and other miscellaneous current sensors

Insight into the growth driving factors, market opportunities and trends, demographic shifts and regulatory aspects that affect the global market landscape

Company profile description of leading manufacturers and suppliers of current sensors

## Contents

### **CHAPTER 1 INTRODUCTION**

Overview  
Study Goals and Objectives  
Reasons for Doing This Study  
Intended Audience  
Scope of Report  
Methodology and Information Sources  
Geographic Breakdown  
Analyst's Credentials  
BCC Custom Research  
Related BCC Research Reports

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

### **CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND**

Current Sensors Definition  
Current Sensing Techniques  
Direct Current Sensing Techniques  
Indirect Current Sensing Techniques  
Impact of COVID-19 on the Global Economy as well as on Current Sensors Market

### **CHAPTER 4 MARKET BREAKDOWN BY TECHNOLOGY**

Overview  
Types of Current Sensors  
Hall-Effect Current Sensors  
Fiber-Optic Current Sensors  
Rogowski Current Sensors  
Fluxgate Transformer Current Sensors  
Miscellaneous Current Sensors

### **CHAPTER 5 MARKET BREAKDOWN BY END USER**

Current Sensors Market Analysis by End User  
Automotive Industry Applications

Consumer Electronics Applications  
Medical Field Applications  
Process Industry Applications  
Machinery Manufacturing Applications  
Building Construction Applications  
Aircraft and Ship Applications  
Applications in Miscellaneous Fields

## **CHAPTER 6 MARKET BREAKDOWN BY REGION**

Overview  
Global Market for Current Sensors by Region  
North America  
Europe  
Asia-Pacific  
Rest of the World

## **CHAPTER 7 COMPANY PROFILES**

ALLEGRO MICROSYSTEMS LLC  
ASAHI KASEI MICRODEVICES CORP.  
DER EE ELECTRICAL INSTRUMENT CO. LTD.  
HONEYWELL  
INFINEON TECHNOLOGIES AG  
MELEXIS NV  
NIPPON CERAMIC CO. LTD.  
OPTEK TECHNOLOGY INC.  
PULSE ELECTRONICS CORP.  
TDK CORP.  
TEXAS INSTRUMENTS INC.  
VISHAY PRECISION GROUP

## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for Current Sensors, by Type of Technology, Through 2025

Table 1: Global Market for Current Sensors, by Type of Technology, Through 2025

Table 2: Global Market for Hall-Effect Current Sensors, by Region, Through 2025

Table 3: Global Market for Fiber-Optic Current Sensors, by Region, Through 2025

Table 4: Global Market for Rogowski Coil Current Sensors, by Region, Through 2025

Table 5: Global Market for Fluxgate Transformer Current Sensors, by Region, Through 2025

Table 6: Global Market for Miscellaneous Current Sensors, by Region, Through 2025

Table 7: Global Market for Current Sensors, by End User, Through 2025

Table 8: Global Market for Current Sensor Applications in the Automotive Industry, by Type of Technology, Through 2025

Table 9: Global Market for Current Sensor Applications in the Consumer Electronics Industry, by Type of Technology, Through 2025

Table 10: Global Market for Current Sensor Applications in the Medical Field, by Type of Technology, Through 2025

Table 11: Global Market for Current Sensor Applications in the Process Industry, by Type of Technology, Through 2025

Table 12: Global Market for Current Sensor Applications in Machinery Manufacturing, by Type of Technology, Through 2025

Table 13: Global Market for Current Sensor Applications in Building Construction, by Type of Technology, Through 2025

Table 14: Global Market for Current Sensor Applications in Aircraft and Ships, by Type of Technology, Through 2025

Table 15: Global Market for Current Sensor Applications in Miscellaneous Fields, by Type of Technology, Through 2025

Table 16: Global Market for Current Sensors, by Region, Through 2025

Table 17: North American Market for Current Sensors, by Type of Technology, Through 2025

Table 18: European Market for Current Sensors, by Type of Technology, Through 2025

Table 19: Asia-Pacific Market for Current Sensors, by Type of Technology, Through 2025

Table 20: Rest of the World Market for Current Sensors, by Type of Technology, Through 2025

## List Of Figures

### LIST OF FIGURES

Summary Figure: Global Market for Current Sensors, by Type of Technology, 2019–2025

Figure 1: Current Sensors, by Type

Figure 2: Global Market for Current Sensors, by Type of Technology, 2019–2025

Figure 3: Global Market for Hall-Effect Current Sensors, by Region, 2019–2025

Figure 4: Global Market for Fiber-Optic Current Sensors, by Region, 2019–2025

Figure 5: Global Market for Rogowski Coil Current Sensors, by Region, 2019–2025

Figure 6: Global Market for Fluxgate Transformer Current Sensors, by Region, 2019–2025

Figure 7: Global Market for Miscellaneous Current Sensors, by Region, 2019–2025

Figure 8: Current Sensors, by End User

Figure 9: Global Market for Current Sensors, by End User, 2019–2025

Figure 10: Global Market for Current Sensor Applications in the Automotive Industry, by Type of Technology, 2019–2025

Figure 11: Global Market for Current Sensor Applications in the Consumer Electronics Industry, by Type of Technology, 2019–2025

Figure 12: Global Market for Current Sensor Applications in the Medical Field, by Type of Technology, 2019–2025

Figure 13: Global Market for Current Sensor Applications in the Process Industry, by Type of Technology, 2019–2025

Figure 14: Global Market for Current Sensor Applications in Machinery Manufacturing, by Type of Technology, 2019–2025

Figure 15: Global Market for Current Sensor Applications in Building Construction, by Type of Technology, 2019–2025

Figure 16: Global Market for Current Sensor Applications in Aircraft and Ships, by Type of Technology, 2019–2025

Figure 17: Global Market for Current Sensor Applications in Miscellaneous Fields, by Type of Technology, 2019–2025

Figure 18: Global Market for Current Sensors, by Region, 2019–2025

Figure 19: North American Market for Current Sensors, by Type of Technology, 2019–2025

Figure 20: European Market for Current Sensors, by Type of Technology, 2019–2025

Figure 21: Asia-Pacific Market for Current Sensors, by Type of Technology, 2019–2025

Figure 22: Rest of the World Market for Current Sensors, by Type of Technology, 2019–2025

## I would like to order

Product name: Current Sensors: Technologies and Global Markets

Product link: <https://marketpublishers.com/r/CA495A91F492EN.html>

Price: US\$ 1,975.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/CA495A91F492EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970