+44 20 8123 2220
info@marketpublishers.com

Sensors: Technologies and Global Markets

https://marketpublishers.com/r/S67FABEA974EN.html
Date: March 2022
Pages: 526
Price: US$ 5,500.00 (Single User License)
ID: S67FABEA974EN

Abstracts

Report Scope:

This report provides an overview of the global market for sensor technologies and analyzes market trends. Using 2020 as the base year, the report provides estimated market data for the forecast period, from 2021 to 2026. Revenue forecasts for this period are segmented based on type, application and geography.

The report also focuses on the major driving trends and challenges that affect the market and the vendor landscape. This report explains the competitive landscape and current trends in the sensors market, concluding with an analysis of the vendor landscape and including detailed profiles of major players in the global sensor market.

Report Includes:

132 tables

An up-to-date review and analysis of the global market for sensors technologies

Analyses of the global market trends, with historic data from 2020 and 2021, estimates for 2022 and 2024, and projections of compound annual growth rates (CAGRs) through 2026

Evaluation and forecast the global sensors market size in dollar value terms, projected growth rate, and corresponding market share analysis by technology, application, end use industry, and region

Latest information on major market dynamics (DROs), technology advancements, industry structure, regulatory scenario, and other significant

+44 20 8123 2220
info@marketpublishers.com

factors affecting the sensors applications market growth

Understand the upcoming market opportunities and areas of focus to forecasting the market into various segments

Insight into the impact of the COVID-19 pandemic on the sensors industry

Review of patents and new developments in the sensors industry, and number of U.S. patent grants for innovations in sensor technologies across each major category

Details of recent industry strategies such as key M&A deals, agreements, collaborations and joint ventures within sensors industry

Competitive landscape of the key industry participants operating within the global sensors market, and their company share analysis

Profile descriptions of the leading industry players, including Accel AB, ams AG, Delphi Automotive PLC, Endress+Hauser, Hitachi Automotive Systems, Honeywell Sensing and Controls, Mitsubishi Electric Corp., NXP Semiconductors, Omron Corp., Robert Bosch GmbH, Rockwell Automation Inc., STMicroelectronics and Texas Instruments Inc.

+44 20 8123 2220
info@marketpublishers.com

Contents

CHAPTER 1 INTRODUCTION

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

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 CURRENT TRENDS IN MARKET

IO-Link: The Intelligent Communication Technology
Data Storage
Remote Configuration & Monitoring
Diagnostic Capabilities
Reduced Wiring
Industry 4.0
Miniaturization
Sensors Will be Self-Learning
Sensor Fusion
Shortage of Semiconductor Chips Across Industries

CHAPTER 4 MARKET AND TECHNOLOGY BACKGROUND

Overview of Sensor Technologies
History and Evolution of Sensors
Mechanical and Electrical Measurement Technologies
Strain Gauges
Load Cell Sensors

+44 20 8123 2220
info@marketpublishers.com

Accelerometers
MEMS Sensors
Biosensors
Fingerprint Sensors
Internet of Things and Connected Sensors
Basic Sensor Technologies
Sensor Types
End-User Industry Applications
Automotive Industry
Consumer Goods Industry
Aircraft and Aerospace Industry
Food and Beverage Industry
Shipbuilding Industry
Cement Industry
Paper Industry
Mining and Metal Industry
Power Generation Industry
Building Material Industry
Chemical Industry
Petrochemical Industry
Pharmaceutical Industry
General Industries
Traffic Management
Healthcare
Water Management
Environmental Monitoring
Offshore Applications
Alternative Energy Production
Wastewater Treatment Plants
Environmental Protection
Tests and Measurements
Technological Developments
Advanced Driver Assistance Systems
Sensor Life Cycle Assessment
Life Cycle Stages of Sensors
Technology Life Cycle
Life Cycle Cost
Market Trend Analysis
Market Trends for Various Types of Sensors

+44 20 8123 2220
info@marketpublishers.com

IoT Sensors
Image Sensors
Biosensors
Chemical Sensors
Temperature Sensors
Position Sensors
MEMS Sensors
Smart Sensors
Wireless Sensors
Ultrasonic Sensors
Market Trends for Sensor Applications in Various Industries
Automotive
Medical
Industrial
Market Influences
Market Drivers
Factors Influencing Sensor Price Trends
Challenges in the Sensor Industry
Competitive Factors in the Sensor Industry
Mergers, Acquisitions and Joint Ventures in the Sensor Industry
Government Regulations
Regulation of Sensors in Automobiles
Impact of COVID-19 on the Global Economy and the Sensor Market
BCC Research Select Insights from Industry Leaders

CHAPTER 5 IOT SENSOR MARKET

Overview
Internet of Things (IoT)
IoT Sensors
Industrial Internet of Things (IIoT)
Global Market for IoT Sensors
Global Market for IoT Sensors by Type
IoT-based Temperature Sensors
IoT-based Pressure Sensors
IoT-based Light Sensors
IoT-based Chemical Sensors
IoT-based Accelerometers and Gyroscopes
Others

+44 20 8123 2220
info@marketpublishers.com

Global Market for IoT Sensors by Region
Americas Market for Internet of Things Sensors by Type
European Market for Internet of Things Sensors by Type
APAC Market for Internet of Things Sensors by Type
MEA Market for Internet of Things Sensors by Type
Global Market for IoT Sensor Applications
Smart City Applications
Smart Environment Applications
Security Applications
Industrial Control and Smart Manufacturing Applications
Building and Home Automation Applications
Automotive Applications
Wearables Applications
Healthcare Applications
Miscellaneous Applications

CHAPTER 6 IMAGE SENSOR MARKET

Overview
Image Sensor Types
Comparison of CCD and CMOS Image Sensor Technologies
New Developments in the Image Sensor Market
Global Market for Image Sensors by Type
CMOS and CCD
Global Market for Image Sensors by Region
Americas Market for Image Sensors by Type
European Market for Image Sensors by Type
APAC Market for Image Sensors by Type
MEA Market for Image Sensors by Type
Global Market for Image Sensor Applications
Flexible Image Sensors
Photographic Applications
Smartphone Applications
Entertainment Applications of Image Sensors
Industrial Applications of Image Sensors
Automotive Applications of Image Sensors
Medical Applications of Image Sensors
Security Applications of Image Sensors
Miscellaneous Applications of Image Sensors

+44 20 8123 2220
info@marketpublishers.com

CHAPTER 7 BIOSENSOR MARKET

Features of Biosensors
Biological Component of Biosensors
Physical Components of Biosensors
Biosensor Types
Electrochemical Biosensors
MEMS Biosensors
Optical Biosensors
Thermistor Biosensors
Biosensors for Specific Purposes
Recent Innovations in Biosensors
Touchless and Pseudo-Touchless Biosensors
Wearable Biosensors
Global Market for Biosensors by Type
Global Market for Biosensors by Region
Americas Market for Biosensors by Type
European Market for Biosensors by Type
APAC Market for Biosensors by Type
MEA Market for Biosensors by Type
Global Market for Biosensor Applications
Medical Applications
Biodefense Applications
Environmental Monitoring Applications
Process Industries

CHAPTER 8 CHEMICAL SENSOR MARKET

Chemical Sensor Types
Toxic Gas Detection Sensors
Other Chemical Sensors
Global Market for Chemical Sensors by Type
Global Market for Chemical Sensors by Region
Americas Market for Chemical Sensors by Type
European Market for Chemical Sensors by Type
APAC Market for Chemical Sensors by Type
MEA Market for Chemical Sensors by Type
Global Market for Chemical Sensor Applications

+44 20 8123 2220
info@marketpublishers.com

Chemical Sensors in Industrial Applications
Chemical Sensors in Automobiles
Chemical Sensors in the Aerospace Industry
Chemical Sensors in Food and Beverage Manufacture
Chemical Sensors in Metallurgical Industries
Chemical Sensors in Medical Applications
Chemical Sensors in Environmental Monitoring Applications
Chemical Sensors in Security Applications
Chemical Sensors in Miscellaneous Applications

CHAPTER 9 FINGERPRINT SENSOR MARKET

Fingerprint Sensor Types
Capacitive Fingerprint Sensors
Global Market for Fingerprint Sensors by Type
Global Market for Fingerprint Sensors by Region
Americas Market for Fingerprint Sensors by Type
European Market for Fingerprint Sensors by Type
APAC Market for Fingerprint Sensors by Type
MEA Market for Fingerprint Sensors by Type
Fingerprint Sensor Applications
Mobile and Laptop Applications
Law Enforcement and Forensic Applications
Military, Defense and Aerospace Applications
Healthcare Applications
Miscellaneous Applications
Global Market for Fingerprint Sensors by Application

CHAPTER 10 RADAR SENSOR MARKET

Radar Sensors by Technology
Radar Sensors by Type
Global Market for Radar Sensors by Type
Global Market for Radar Sensors by Region
Americas Market for Radar Sensors by Type
European Market for Radar Sensors by Type
APAC Market for Radar Sensors by Type
MEA Market for Radar Sensors by Type
Global Market for Radar Sensor Applications

+44 20 8123 2220
info@marketpublishers.com

CHAPTER 11 LOAD, FORCE AND TORQUE SENSOR MARKET

Load and Force Sensors
Force Sensor Types
Torque Sensors
Global Market for Load, Force and Torque Sensors by Type
Global Market for Load, Force and Torque Sensors by Region
Americas Market for Load, Force and Torque Sensors by Type
European Market for Load, Force and Torque Sensors by Type
APAC Market for Load, Force and Torque Sensors by Type
MEA Market for Load, Force and Torque Sensors by Type
Global Market for Applications of Load, Force and Torque Sensors
Applications of Load Sensors and Load Cells
Applications of Torque Sensors
Applications of MEMS Accelerometers

CHAPTER 12 POSITION SENSOR MARKET

Displacement Position Sensors
Linear Position Sensors
Proximity Sensors
Global Market for Position Sensors by Type
Global Market for Position Sensors by Region
Americas Market for Position Sensors by Type
European Market for Position Sensors by Type
APAC Market for Position Sensors by Type
MEA Market for Position Sensors by Type
Global Market for Position Sensor Applications
Applications in Machine Tools, Power Plants and Process Industries
Applications in Healthcare
Applications in Automobiles
Miscellaneous Applications of Position Sensors

CHAPTER 13 PRESSURE SENSOR MARKET

Pressure Sensor Types
Pressure Sensor Types Based on Construction
Global Market for Pressure Sensors by Type

+44 20 8123 2220
info@marketpublishers.com

Global Market for Pressure Sensors by Region
Americas Market for Pressure Sensors by Type
European Market for Pressure Sensors by Type
APAC Market for Pressure Sensors by Type
MEA Market for Pressure Sensors by Type
Global Market for Pressure Sensor Applications
Miniature Barometric Pressure Sensors in Smartphones
Pressure Sensors in Industrial Applications
Pressure Sensors for Automotive Applications
Pressure Sensors in General and Consumer Applications
Pressure Sensors in Medical Applications
Pressure Sensors in Aerospace and Aircraft Applications
Pressure Sensors in Aerospace and Aircraft Applications

CHAPTER 14 TEMPERATURE SENSOR MARKET

Temperature Sensor Types
Global Market for Temperature Sensors by Type
Global Market for Temperature Sensors by Region
Americas Market for Temperature Sensors by Type
European Market for Temperature Sensors by Type
APAC Market for Temperature Sensors by Type
MEA Market for Temperature Sensors by Type
Global Market for Temperature Sensor Applications
Temperature Sensors in HVAC Applications
Temperature Sensors in Industrial Applications
Temperature Sensors in Process Control Applications
Temperature Sensors in Medical Applications
Temperature Sensors in Other Miscellaneous Applications

CHAPTER 15 FLOW SENSOR MARKET

Flow Sensor Types Based on Flow Type
Flow Sensor Types Based on Technology
Global Market for Flow Sensors by Type
Global Market for Flow Sensors by Region
Americas Market for Flow Sensors by Type
European Market for Flow Sensors by Type
APAC Market for Flow Sensors by Type

+44 20 8123 2220
info@marketpublishers.com

MEA Market for Flow Sensors by Type
Global Market for Flow Sensor Applications

CHAPTER 16 LEVEL SENSOR MARKET

Continuous Level Sensors
Point and Multipoint Level Sensors
Level Sensor Device Classification
Future of Level Sensors
MEMS Level Sensors
Global Market for Level Sensors by Type
Global Market for Level Sensors by Region
Americas Market for Level Sensors by Type
European Market for Level Sensors by Type
APAC Market for Level Sensors by Type
MEA Market for Level Sensors by Type
Global Market for Level Sensor Applications

CHAPTER 17 CURRENT SENSOR MARKET

Current Sensor Definition and Current Sensing Techniques
Current Sensing Techniques
Global Market for Current Sensors by Type
Global Market for Current Sensors by Region
Americas Market for Current Sensors by Type
European Market for Current Sensors by Type
APAC Market for Current Sensors by Type
MEA Market for Current Sensors by Type
Global Market for Current Sensor Applications

CHAPTER 18 MISCELLANEOUS SENSOR MARKET

LIDAR Sensors
Automotive Inertial Sensors
Ultrasonic Sensors
Infrared Sensors
Magnetic Field Sensors
Photoelectric Sensors
Combination Sensors

+44 20 8123 2220
info@marketpublishers.com

Ultraviolet Sensors
Global Market for Miscellaneous Sensors by Type
Global Market for Miscellaneous Sensors by Region
Americas Market for Miscellaneous Sensors by Type
European Market for Miscellaneous Sensors by Type
APAC Market for Miscellaneous Sensors by Type
MEA Market for Miscellaneous Sensors by Type
Global Market for Miscellaneous Sensor Applications
Smart Sensors Applications
Wireless Sensors Applications
Fiber-Optic Sensors Applications
SQUID Sensors Applications

CHAPTER 19 MARKET BY END-USE INDUSTRY

Introduction
Automotive Industry
Standard Sensors Used in Various Applications in the Automotive Industry
Special Sensors in Automotive Applications
Global Market for Sensor Applications in the Automobile Industry by Type
Global Market for Sensor Applications in the Automobile Industry by Region
Industrial (Process Industry and Manufacturing)
Sensor Applications in the Petrochemical, Oil and Gas Industry
Sensor Applications Upstream
Sensor Applications Midstream
Sensor Applications Downstream
Sensor Applications in the Food, Dairy and Beverage Industry
Sensor Applications in Pharmaceutical Manufacturing
Sensor Applications in the Chemical Industry
Machinery Manufacture
Global Market for Sensor Applications in Industrial by Type
Global Market for Sensor Applications in Industrial by Region
Consumer Electronics
Global Market for Sensor Applications in Consumer Electronics by Region
IT and Telecom
Global Market for Sensor Applications in the IT and Telecom Industries by Region
Healthcare
Smart Pills
Ingestible and Wearable Sensors Used as Digital Health Feedback Systems

+44 20 8123 2220
info@marketpublishers.com

Sensor to Combat Concussion Damage in Sports
Sensor-Packed Earphone for the Health and Fitness Market
Sensors for Unobtrusive Health Monitoring
Sensors in Smart Textiles for Monitoring Leg Ulcers
Sensor System for Monitoring Elderly People
Sensors to Track Tumor Condition
Intelligent Prosthetic Pressure Sensors to Ease Pain for Lower Limb Amputees
Implantable Sensors for Cancer Monitoring
FlexiForce Tactile Force Sensors in Therapeutic and Drug Delivery Devices
Force Sensors in the Healthcare
Special Applications of Sensors in the Healthcare
Global Market for Sensor Applications in the Healthcare Industry by Type
Global Market for Sensor Applications in the Healthcare Industry by Region
Smart Buildings
Global Market for Sensor Applications in Smart Building by Type
Global Market for Sensor Applications in Smart Building by Region
Aircraft and Shipbuilding
Sensor Applications in Aircraft
Sensors in 'Intelligent' Aircraft Tires
Sensor Applications in Ships
Global Market for Sensor Applications in Aircraft and Ships by Type
Global Market for Sensor Applications in Aircraft and Ships by Region
Other Applications
Environmental Applications
Mining Applications
Power Plant Applications
Microwave-Resonator-Based Sensors
Global Market for Sensor Applications in Miscellaneous Fields by Type
Global Market for Sensor Applications in Miscellaneous Fields by Region

CHAPTER 20 MARKET BY REGION

Introduction
Americas
Europe
APAC
MEA

CHAPTER 21 PATENT REVIEW AND NEW DEVELOPMENTS

+44 20 8123 2220
info@marketpublishers.com

Patent Analysis
Technological Developments in Sensors
New Developments in Sensors and Sensor Technologies

CHAPTER 22 COMPANY PROFILES

AB ELECTRONIK GMBH
ACCEL AB
ALEPH AMERICA CORP.
ALLEGRO MICROSYSTEMS, LLC
ALPHA MOS S.A.
ALPHASENSE LTD.
ALPS ELECTRIC CO., LTD.
AMERICAN ELECTRONIC COMPONENTS INC.
AMERICAN SENSOR TECHNOLOGIES INC. (TE CONNECTIVITY)
AMETEK INC.
AMS AG
ANALOG DEVICES INC.
APPLIED MEASUREMENTS
APPLIED TECHNOLOGY ASSOCIATES
APTINA IMAGING CORP.
ATI INDUSTRIAL AUTOMATION
AUTOLIV INC.
AUTOMOTIVE TECHNOLOGIES INTERNATIONAL INC.
AUTONICS CORP.
BALLUFF INC.
BANNER ENGINEERING CORP.
BAUMER HOLDINGS AG
BEBOP SENSORS INC.
BEI SENSORS (SENSATA TECHNOLOGIES HOLDING N.V.)
BINDICATOR INC.
BINMASTER INC.
BINSFELD ENGINEERING INC.
BOKAM ENGINEERING INC.
BOONTON ELECTRONICS CORP.
BOPP & REUTHER MESSTECHNIK GMBH
BORGWARNER BERU SYSTEMS GMBH
BOSCH SENSORTEC GMBH

+44 20 8123 2220
info@marketpublishers.com

BOURNS SENSORS GMBH
CAMBRIDGE CMOS SENSORS LTD. (AMS AG)
CANATU OY
CASCO PRODUCTS CORP.
CITY TECHNOLOGY LTD.
COGNEX CORP.
COLIBRYS SA
COMUS INTERNATIONAL BVBA
CONAX TECHNOLOGIES
CONTELEC AG
CONTINENTAL AG
CONTI TEMIC MICROELECTRONIC GMBH
COOPER INSTRUMENTS & SYSTEMS
CORRSYS-DATRON SENSORSYSTEME GMBH
CRANE ELECTRONICS LTD.
CROSSBOW TECHNOLOGY INC.
CTS CORP.
CUSTOM SENSORS & TECHNOLOGIES
CYBEROPTICS CORP.
CYNERGY3 COMPONENTS LTD.
DATALOGIC S.P.A.
DATUM ELECTRONICS LTD.
D&R TECHNOLOGY LLC
DELPHI AUTOMOTIVE PLC
DELPHI CORP.
DENSO CORP.
DER EE ELECTRICAL INSTRUMENT CO., LTD.
DETCON INC.
DRAEGER SAFETY INC.
DUST NETWORKS INC.
E2V TECHNOLOGIES PLC
ELAG ELEKTRONIK AG
ELECTRICFIL AUTOMOTIVE
ELECTRO-SENSORS INC.
ELMOS SEMICONDUCTOR AG
EMERSON PROCESS MANAGEMENT
ENDRESS+HAUSER INSTRUMENTS INTERNATIONAL AG
EPCOS AG
E.S.I. ENVIRONMENTAL SENSORS INC.

+44 20 8123 2220
info@marketpublishers.com

EXERGEN CORP.
FBGS TECHNOLOGIES GMBH
FIGARO ENGINEERING INC.
FINGERPRINT CARDS AB
FIRST SENSOR AG
FISO TECHNOLOGIES INC.
FLEXPOINT SENSOR SYSTEMS INC.
FLINTEC GMBH
FLIR SYSTEMS INC.
FLOWLINE INC.
FLOW TECHNOLOGY INC.
FREESCALE SEMICONDUCTOR INC. (NXP SEMICONDUCTORS N.V.)
FUTEK ADVANCED SENSOR TECHNOLOGY INC.
GALAXYCORE INC.
GE MEASUREMENT & CONTROL
GEMS SENSORS & CONTROLS
GENTECH INTERNATIONAL LTD.
GEORGE FISCHER CORP.
GPIXEL INC.
GRID20/20 INC.
GSI TECHNOLOGIES LLC
HAMAMATSU PHOTONICS KK
HAMILTON CO.
HAMLIN ELECTRONICS
HANS TURCK GMBH & CO. KG
HEIDENHAIN CORP.
HELLA KGAA HUECK & CO.
HITACHI AUTOMOTIVE SYSTEMS
HITEC SENSOR DEVELOPMENTS INC.
HONEYWELL SENSING & CONTROLS
IBEO AUTOMOTIVE SYSTEMS GMBH
IDEX BIOMETRICS ASA
IFM ELECTRONIC GMBH
I.G. BAUERHIN GMBH
INFINEON TECHNOLOGIES AG
INNOVATIVE SENSOR TECHNOLOGY IST AG
INNOVIZ TECHNOLOGIES LTD.
INTERNATIONAL SENSOR TECHNOLOGY
INTEGRATED SENSING SYSTEMS INC.

+44 20 8123 2220
info@marketpublishers.com

INTERFACE INC.
INTERLINK ELECTRONICS INC.
INVENSENSE
INVISAGE TECHNOLOGIES INC.
IR-TEC INTERNATIONAL LTD.
ISORG
JEWELL INSTRUMENTS LLC
JOHNSON CONTROLS INC.
J-TEC ASSOCIATES INC.
JUMO GMBH & CO. KG
KA SENSORS LTD.
KAVILCO
KEIHIN CORP.
KELI SENSING TECHNOLOGY (NINGBO) CO., LTD.
KEYENCE CORP.
KEY SAFETY SYSTEMS INC.
KIONIX INC.
KISTLER INSTRUMENTE GMBH
LEDDARTECH INC.
LITTELFUSE INC.
LORD MICROSTRAIN SENSING SYSTEMS
LORD SENSING
LTI HOLDING GMBH & CO. KG
MAGCANICA INC.
MAGNA INTERNATIONAL INC.
MAXIMA TECHNOLOGIES
MC10 INC.
MEASUREMENT SPECIALITIES INC.
MEGGITT SENSING SYSTEMS
MELEXIS MICROELECTRONIC SYSTEMS
MEMSIC INC.
METHODE ELECTRONICS INC.
MICRO-EPSILON AMERICA
MICROE SYSTEMS INC.
MICRONAS SEMICONDUCTOR HOLDING AG
MICRON OPTICS INC.
MICROSEMI CORP.
MICROSTRAIN INC.
MIDORI PRECISIONS CO., LTD.

+44 20 8123 2220
info@marketpublishers.com

MINDA STONERIDGE INSTRUMENTS LTD.
MITSUBISHI ELECTRIC CORP.
MONITRAN LTD.
MOOG CROSSBOW
MOTION SENSORS INC.
MOVING MAGNET TECHNOLOGIES SA
MRU INSTRUMENT INC.
MTI INSTRUMENTS INC.
MTS SYSTEMS CORP.
MURATA ELECTRONICS OY
MURATA MANUFACTURING CO., LTD.
NEOPTIX INC.
NEXT BIOMETRICS GROUP ASA
NGK SPARK PLUG CO., LTD.
NIDEC ELESYS AMERICAS CORP.
NIKKOIA SAS
NIPPON ALEPH CORP.
NIPPON CERAMIC CO., LTD.
NONIN MEDICAL
NOVA BIOMEDICAL CORP.
NOVA METRIX LLC
NOVOTECHNIK U.S. INC.
NP PHOTONICS INC.
NXP SEMICONDUCTORS
NXP USA INC.
OCEAN OPTICS INC.
OMNIVISION TECHNOLOGIES INC.
OMRON CORP.
OMRON SCIENTIFIC TECHNOLOGIES INC.
ONCQUE CORP.
OPSENS INC.
OPTEK TECHNOLOGY INC. (TT ELECTRONICS PLC)
OPTEX CO., LTD.
OSRAM OPTO SEMICONDUCTORS GMBH
PANASONIC ELECTRIC WORKS
PCB PIEZOTRONICS INC.
PEPPERL+FUCHS
PHILIPS PHOTONICS
PID ANALYZERS

+44 20 8123 2220
info@marketpublishers.com

PIXART IMAGING INC.
PIXELPLUS CO., LTD.
PLK TECHNOLOGIES CO., LTD.
POLYIC GMBH & CO. KG
PREH GMBH
PROXIMION AB
PROXIMITY CONTROLS
PROXITRON GMBH
QUANERGY SYSTEMS INC.
RAE SYSTEMS INC. (HONEYWELL INTERNATIONAL INC.)
RAYTEK CORP.
RDP ELECTROSENSE INC.
RENESAS ELECTRONICS CORP.
AXZON (FORMERLY RFMICRON)
RKI INSTRUMENTS INC.
ROBERT BOSCH GMBH
ROCKWELL AUTOMATION INC.
ROSEMOUNT INC.
SCHRADER INTERNATIONAL INC.
SENSANT CORP. (SIEMENS AG)
SENSATA TECHNOLOGIES BV
SENSEAIR AB
SENSEOR SAS
SENSIRION AG
SENSITEC GMBH
SENSONAR TECHNOLOGIES AS
SENSOPART INDUSTRIESENSORIK GMBH
SENSOREX INC.
SENSORMATE AG
SENSORNET LTD.
SENSOR SCIENTIFIC INC.
SENTEK LTD.
SGX SENSORTECH LTD.
SHANGHAI NICERA SENSOR CO., LTD.
SHANGHAI TM AUTOMATION INSTRUMENTS CO., LTD.
SICK AG
SIEMENS MILLTRONICS PROCESS INSTRUMENTS INC.
SILICON MICROSTRUCTURES INC.
SILICON SENSING SYSTEMS LTD.

+44 20 8123 2220
info@marketpublishers.com

SMART SENSORS AND TRANSDUCERS LTD.
SMITHS DETECTION INC.
SSI TECHNOLOGIES INC.
STANDARD MOTOR PRODUCTS EUROPE
STANDEX ELECTRONICS INC.
STANDEX-MEDER ELECTRONICS
STMICROELECTRONICS
STONERIDGE INC.
SUMITOMO ELECTRIC INDUSTRIES LTD.
SUNNY OPTICAL TECHNOLOGY (GROUP) CO., LTD.
TACTUAL LABS CO.
TAMAGAWA SEIKI CO., LTD.
TDK-EPC CORP.
TE CONNECTIVITY LTD.
TEKSCAN INC.
TELEDYNE MONITOR LABS INC.
TELEDYNE OPTECH INC.
TEXAS INSTRUMENTS INC.
THERM-O-DISC INC.
TOWER SEMICONDUCTOR LTD.
TRANSDUCER TECHNIQUES INC.
TT ELECTRONICS PLC
TURCK INC.
TYCO GAS AND FLAME DETECTION
VALEO SA
VALEPORT LTD.
VARIOHM EUROSENSOR LTD.
VELODYNE LIDAR
VISHAY INTERTECHNOLOGY INC.
VISHAY PRECISION GROUP
VISTEON CORP.
WABASH TECHNOLOGIES
WATLOW ELECTRIC MANUFACTURING CO.
XENICS NV
XENSOR CORP.
YOKOGAWA CORP. OF AMERICA
YOKOGAWA ELECTRIC CORP.
ZEPHYR TECHNOLOGY CORP.
ZEMIC EUROPE

+44 20 8123 2220
info@marketpublishers.com

ZETTLEX
ZF TRW AUTOMOTIVE HOLDINGS CORP.
ZSY GROUP LTD.

CHAPTER 23 APPENDIX: LIST OF MANUFACTURERS

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Summary Table: Global Market for Sensors, by Type, Through 2026
Table 1: Basic Classification of Sensor Technologies
Table 2: Mergers and Acquisitions in the Sensor Industry, Feb. 2017–Aug. 2021
Table 3: Global Market for Internet of Things Sensors, by Type, Through 2026
Table 4: Global Market for Internet of Things Sensors, by Region, Through 2026
Table 5: Americas Market for Internet of Things Sensors, by Type, Through 2026
Table 6: European Market for Internet of Things Sensors, by Type, Through 2026
Table 7: APAC Market for Internet of Things Sensors, by Type, Through 2026
Table 8: MEA Market for Internet of Things Sensors, by Type, Through 2026
Table 9: Global Market for Internet of Things Sensors, by Application, Through 2026
Table 10: Comparison of CCD and CMOS Image Sensor Technologies
Table 11: Global Market for Image Sensors, by Type, Through 2026
Table 12: Global Market for Image Sensors, by Region, Through 2026
Table 13: Americas Market for Image Sensors, by Type, Through 2026
Table 14: European Market for Image Sensors, by Type, Through 2026
Table 15: APAC Market for Image Sensors, by Type, Through 2026
Table 16: MEA Market for Image Sensors, by Type, Through 2026
Table 17: Global Market for Image Sensors, by Application, Through 2026
Table 18: Global Market for Biosensors, by Type, Through 2026
Table 19: Global Market for Biosensors, by Region, Through 2026
Table 20: Americas Market for Biosensors, by Type, Through 2026
Table 21: European Market for Biosensors, by Type, Through 2026
Table 22: APAC Market for Biosensors, by Type, Through 2026
Table 23: MEA Market for Biosensors, by Type, Through 2026
Table 24: Global Market for Biosensors, by Application, Through 2026
Table 25: Global Market for Chemical Sensors, by Type, Through 2026
Table 26: Global Market for Chemical Sensors, by Region, Through 2026
Table 27: Americas Market for Chemical Sensors, by Type, Through 2026
Table 28: European Market for Chemical Sensors, by Type, Through 2026
Table 29: APAC Market for Chemical Sensors, by Type, Through 2026
Table 30: MEA Market for Chemical Sensors, by Type, Through 2026
Table 31: Global Market for Chemical Sensors, by Application, Through 2026
Table 32: Global Market for Fingerprint Sensors, by Type, Through 2026
Table 33: Global Market for Fingerprint Sensors, by Region, Through 2026
Table 34: Americas Market for Fingerprint Sensors, by Type, Through 2026

+44 20 8123 2220
info@marketpublishers.com

Table 35: European Market for Fingerprint Sensors, by Type, Through 2026
Table 36: APAC Market for Fingerprint Sensors, by Type, Through 2026
Table 37: MEA Market for Fingerprint Sensors, by Type, Through 2026
Table 38: Global Market for Fingerprint Sensors, by Application, Through 2026
Table 39: Global Market for Radar Sensors, by Type, Through 2026
Table 40: Global Market for Radar Sensors, by Region, Through 2026
Table 41: Americas Market for Radar Sensors, by Type, Through 2026
Table 42: European Market for Radar Sensors, by Type, Through 2026
Table 43: APAC Market for Radar Sensors, by Type, Through 2026
Table 44: MEA Market for Radar Sensors, by Type, Through 2026
Table 45: Global Market for Radar Sensors, by Application, Through 2026
Table 46: Global Market for Load, Force and Torque Sensors, by Type, Through 2026
Table 47: Global Market for Load, Force and Torque Sensors, by Region, Through 2026
Table 48: Americas Market for Load, Force and Torque Sensors, by Type, Through 2026
Table 49: European Market for Load, Force and Torque Sensors, by Type, Through 2026
Table 50: APAC Market for Load, Force and Torque Sensors, by Type, Through 2026
Table 51: MEA Market for Load, Force and Torque Sensors, by Type, Through 2026
Table 52: Global Market for Load, Force and Torque Sensors, by Application, Through 2026
Table 53: Global Market for Position Sensors, by Type, Through 2026
Table 54: Global Market for Position Sensors, by Region, Through 2026
Table 55: Americas Market for Position Sensors, by Type, Through 2026
Table 56: European Market for Position Sensors, by Type, Through 2026
Table 57: APAC Market for Position Sensors, by Type, Through 2026
Table 58: MEA Market for Position Sensors, by Type, Through 2026
Table 59: Global Market for Position Sensors, by Application, Through 2026
Table 60: Global Market for Pressure Sensors, by Type, Through 2026
Table 61: Global Market for Pressure Sensors, by Region, Through 2026
Table 62: Americas Market for Pressure Sensors, by Type, Through 2026
Table 63: European Market for Pressure Sensors, by Type, Through 2026
Table 64: APAC Market for Pressure Sensors, by Type, Through 2026
Table 65: MEA Market for Pressure Sensors, by Type, Through 2026
Table 66: Global Market for Pressure Sensors, by Application, Through 2026
Table 67: Global Market for Temperature Sensors, by Type, Through 2026
Table 68: Global Market for Temperature Sensors, by Region, Through 2026
Table 69: Americas Market for Temperature Sensors, by Type, Through 2026
Table 70: European Market for Temperature Sensors, by Type, Through 2026

+44 20 8123 2220
info@marketpublishers.com

Table 71: APAC Market for Temperature Sensors, by Type, Through 2026
Table 72: MEA Market for Temperature Sensors, by Type, Through 2026
Table 73: Global Market for Temperature Sensors, by Application, Through 2026
Table 74: Global Market for Flow Sensors, by Type, Through 2026
Table 75: Global Market for Flow Sensors, by Region, Through 2026
Table 76: Americas Market for Flow Sensors, by Type, Through 2026
Table 77: European Market for Flow Sensors, by Type, Through 2026
Table 78: APAC Market for Flow Sensors, by Type, Through 2026
Table 79: MEA Market for Flow Sensors, by Type, Through 2026
Table 80: Global Market for Flow Sensors, by Application, Through 2026
Table 81: Global Market for Level Sensors, by Type, Through 2026
Table 82: Global Market for Level Sensors, by Region, Through 2026
Table 83: Americas Market for Level Sensors, by Type, Through 2026
Table 84: European Market for Level Sensors, by Type, Through 2026
Table 85: APAC Market for Level Sensors, by Type, Through 2026
Table 86: MEA Market for Level Sensors, by Type, Through 2026
Table 87: Global Market for Level Sensors, by Application, Through 2026
Table 88: Global Market for Current Sensors, by Type, Through 2026
Table 89: Global Market for Current Sensors, by Region, Through 2026
Table 90: Americas Market for Current Sensors, by Type, Through 2026
Table 91: European Market for Current Sensors, by Type, Through 2026
Table 92: APAC Market for Current Sensors, by Type, Through 2026
Table 93: MEA Market for Current Sensors, by Type, Through 2026
Table 94: Global Market for Current Sensors, by Application, Through 2026
Table 95: Global Market for Miscellaneous Sensors, by Type, Through 2026
Table 96: Global Market for Miscellaneous Sensors, by Region, Through 2026
Table 97: Americas Market for Miscellaneous Sensors, by Type, Through 2026
Table 98: European Market for Miscellaneous Sensors, by Type, Through 2026
Table 99: APAC Market for Miscellaneous Sensors, by Type, Through 2026
Table 100: MEA Market for Miscellaneous Sensors, by Type, Through 2026
Table 101: Global Market for Miscellaneous Sensors, by Application, Through 2026
Table 102: Global Market for Sensor Applications, by End Use Industry, Through 2026
Table 103: Sensors Used for Various Functions in Automobiles
Table 104: Global Market for Sensors Applications in the Automobile Industry, by Type, Through 2026
Table 105: Global Market for Sensor Applications in the Automobile Industry, by Region, Through 2026
Table 106: Global Market for Sensor Applications in Industrial, by Type, Through 2026
Table 107: Global Market for Sensor Applications in Industrial, by Region, Through

+44 20 8123 2220
info@marketpublishers.com

2026
Table 108: Sensors in Consumer Electronics Applications
Table 109: Global Market for Sensor Applications in Consumer Electronics, by Region, Through 2026
Table 110: Global Market for Sensor Applications in IT and Telecom Industries, by Region, Through 2026
Table 111: Global Market for Sensor Applications in the Healthcare Industry, by Type, Through 2026
Table 112: Global Market for Sensor Applications in the Healthcare Industry, by Region, Through 2026
Table 113: Global Market for Sensor Applications in Smart Building, by Type, Through 2026
Table 114: Global Market for Sensor Applications in Smart Building, by Region, Through 2026
Table 115: Global Market for Sensor Applications in Aircraft and Ships, by Type, Through 2026
Table 116: Global Market for Sensor Applications in Aircraft and Ships, by Region, Through 2026
Table 117: Global Market for Sensor Applications in Miscellaneous Fields, by Type, Through 2026
Table 118: Global Market for Sensor Applications in Miscellaneous Fields, by Region, Through 2026
Table 119: Global Market for Sensors, by Region, Through 2026
Table 120: Americas Market for Sensors, by Application, Through 2026
Table 121: Americas Market for Sensors, by Country, Through 2026
Table 122: European Market for Sensors, by Application, Through 2026
Table 123: European Market for Sensors, by Country, Through 2026
Table 124: APAC Market for Sensors, by Application, Through 2026
Table 125: APAC Market for Sensors, by Country, Through 2026
Table 126: MEA Market for Sensors, by Application, Through 2026
Table 127: MEA Market for Sensors, by Sub-region, Through 2026
Table 128: U.S. Patents on Sensors, by Year Granted, Feb. 2016-Dec. 2020
Table 129: U.S. Patents on Sensors, by Country, Feb. 2016–Dec. 2020
Table 130: U.S. Patents on Sensors, by Technology, Feb. 2016-Dec. 2020
Table 131: Companies Manufacturing Sensors, Sensor Systems and Related Equipment

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market Shares of Sensors, by Type, 2020
Figure 1: Global Market Shares of Internet of Things Sensors, by Type, 2020
Figure 2: Global Market for Internet of Things Sensors, by Region, 2020-2026
Figure 3: Global Market Shares of Internet of Things Sensors, by Application, 2020
Figure 4: Global Market Shares of Image Sensors, by Type, 2020
Figure 5: Global Market for Image Sensors, by Region, 2020-2026
Figure 6: Global Market Shares of Image Sensors, by Application, 2020
Figure 7: Global Market Shares of Biosensors, by Type, 2020
Figure 8: Global Market for Biosensors, by Region, 2020-2026
Figure 9: Global Market Shares of Biosensors, by Application, 2020
Figure 10: Global Market Shares of Chemical Sensors, by Type, 2020
Figure 11: Global Market for Chemical Sensors, by Region, 2020-2026
Figure 12: Global Market Shares of Chemical Sensors, by Application, 2020
Figure 13: Global Market Shares of Fingerprint Sensors, by Type, 2020
Figure 14: Global Market for Fingerprint Sensors, by Region, 2020-2026
Figure 15: Global Market Shares of Fingerprint Sensors, by Application, 2020
Figure 16: Global Market Shares of Radar Sensors, by Type, 2020
Figure 17: Global Market for Radar Sensors, by Region, 2020-2026
Figure 18: Global Market Shares of Radar Sensors, by Application, 2020
Figure 19: Global Market Shares of Load, Force and Torque Sensors, by Type, 2020
Figure 20: Global Market for Load, Force and Torque Sensors, by Region, 2020-2026
Figure 21: Global Market Shares of Load, Force and Torque Sensors, by Application, 2020
Figure 22: Global Market Shares of Position Sensors, by Type, 2020
Figure 23: Global Market for Position Sensors, by Region, 2020-2026
Figure 24: Global Market Shares of Position Sensors, by Application, 2020
Figure 25: Global Market Shares of Pressure Sensors, by Type, 2020
Figure 26: Global Market for Pressure Sensors, by Region, 2020-2026
Figure 27: Global Market Shares of Pressure Sensors, by Application, 2020
Figure 28: Global Market Shares of Temperature Sensors, by Type, 2020
Figure 29: Global Market for Temperature Sensors, by Region, 2020-2026
Figure 30: Global Market Shares of Temperature Sensors, by Application, 2020
Figure 31: Global Market Shares of Flow Sensors, by Type, 2020
Figure 32: Global Market for Flow Sensors, by Region, 2020-2026
Figure 33: Global Market Shares of Flow Sensors, by Application, 2020

+44 20 8123 2220
info@marketpublishers.com

Figure 34: Global Market Shares of Level Sensors, by Type, 2020
Figure 35: Global Market for Level Sensors, by Region, 2020-2026
Figure 36: Global Market Shares of Level Sensors, by Application, 2020
Figure 37: Global Market Shares of Current Sensors, by Type, 2020
Figure 38: Global Market for Current Sensors, by Region, 2020-2026
Figure 39: Global Market Shares of Current Sensors, by Application, 2020
Figure 40: Global Market Shares of Miscellaneous Sensors, by Type, 2020
Figure 41: Global Market for Miscellaneous Sensors, by Region, 2020-2026
Figure 42: Global Market Shares of Miscellaneous Sensors, by Application, 2020
Figure 43: Global Market Shares of Sensor Applications, by End Use Industry, 2020
Figure 44: Global Market Shares of Sensor Applications in the Automobile Industry, by Type, 2020
Figure 45: Global Market for Sensor Applications in the Automobile Industry, by Region, 2020-2026
Figure 46: Global Market Shares of Sensor Applications in Industrial, by Type, 2020
Figure 47: Global Market for Sensor Applications in Industrial, by Region, 2020-2026
Figure 48: Global Market for Sensor Applications in Consumer Electronics, by Region, 2020-2026
Figure 49: Global Market for Sensor Applications in IT and Telecom Industries, by Region, 2020-2026
Figure 50: Global Market Shares of Sensor Applications in the Healthcare Industry, by Type, 2020
Figure 51: Global Market for Sensor Applications in the Healthcare Industry, by Region, 2020-2026
Figure 52: Global Market Shares of Sensor Applications in Smart Building, by Type, 2020
Figure 53: Global Market for Sensor Applications in Smart Building, by Region, 2020-2026
Figure 54: Global Market Shares of Sensor Applications in Aircraft and Ships, by Type, 2020
Figure 55: Global Market for Sensor Applications in Aircraft and Ships, by Region, 2020-2026
Figure 56: Global Market Shares of Sensor Applications in Miscellaneous Fields, by Type, 2020
Figure 57: Global Market for Sensor Applications in Miscellaneous Fields, by Region, 2020-2026
Figure 58: Global Market Shares of Sensors, by Region, 2020
Figure 59: Americas Market for Sensors, by Application, 2020-2026
Figure 60: Americas Market Shares of Sensors, by Country, 2020

+44 20 8123 2220
info@marketpublishers.com

Figure 61: European Market for Sensors, by Application, 2020-2026
Figure 62: European Market Shares of Sensors, by Country, 2020
Figure 63: APAC Market for Sensors, by Application, 2020-2026
Figure 64: APAC Market Shares of Sensors, by Country, 2020
Figure 65: MEA Market for Sensors, by Application, 2020-2026
Figure 66: MEA Market Shares of Sensors, by Sub-region, 2020

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Sensors: Technologies and Global Markets
Product link: https://marketpublishers.com/r/S67FABEA974EN.html
Price: US$ 5,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/S67FABEA974EN.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

Custumer 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