

# **Force Sensor Market Research Report by Type (Accessories, Capacitive Force Sensors, Force Sensing Resistors, Hydraulic load Sensors, and Magnetic Force Sensors), by Operation (Analog and Digital), by Application - Global Forecast to 2025 - Cumulative Impact of COVID-19**

<https://marketpublishers.com/r/FCB640324282EN.html>

Date: February 2021

Pages: 199

Price: US\$ 3,949.00 (Single User License)

ID: FCB640324282EN

## **Abstracts**

### Market Statistics:

The report provides market sizing and forecast across five major currencies - USD, EUR, GBP, JPY, and AUD. This helps organization leaders make better decisions when currency exchange data is readily available.

1. The Global Force Sensor Market is expected to grow from USD 1,905.57 Million in 2020 to USD 2,473.39 Million by the end of 2025.
2. The Global Force Sensor Market is expected to grow from EUR 1,670.84 Million in 2020 to EUR 2,168.72 Million by the end of 2025.
3. The Global Force Sensor Market is expected to grow from GBP 1,485.38 Million in 2020 to GBP 1,928.00 Million by the end of 2025.
4. The Global Force Sensor Market is expected to grow from JPY 203,373.09 Million in 2020 to JPY 263,974.43 Million by the end of 2025.
5. The Global Force Sensor Market is expected to grow from AUD 2,767.14 Million in 2020 to AUD 3,591.70 Million by the end of 2025.

### Market Segmentation & Coverage:

This research report categorizes the Force Sensor to forecast the revenues and analyze the trends in each of the following sub-markets:

Based on Type, the Force Sensor Market studied across Accessories, Capacitive Force Sensors, Force Sensing Resistors, Hydraulic load Sensors, Magnetic Force Sensors, Optical Force Sensors, Piezoelectric Force Sensors, Piezoresistive Force Sensors, and Strain Gauges.

Based on Operation, the Force Sensor Market studied across Analog and Digital.

Based on Application, the Force Sensor Market studied across Aerospace & Defense, Automotive, Chemicals, Consumer Electronics, Energy & Power, Industrial Manufacturing, Mining, Oil & Gas, Packaging, and Pharmaceuticals.

'The Asia-Pacific is projected to witness the highest growth during the forecast period'

Based on Geography, the Force Sensor Market studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas region surveyed across Argentina, Brazil, Canada, Mexico, and United States. The Asia-Pacific region surveyed across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, South Korea, and Thailand. The Europe, Middle East & Africa region surveyed across France, Germany, Italy, Netherlands, Qatar, Russia, Saudi Arabia, South Africa, Spain, United Arab Emirates, and United Kingdom. The Europe, Middle East & Africa commanded the largest size in the Force Sensor Market in 2020. On the other hand, the Asia-Pacific is expected to grow at the fastest CAGR during the forecast period.

#### Company Usability Profiles:

The report deeply explores the recent significant developments by the leading vendors and innovation profiles in the Global Force Sensor Market including ABB, Ati Industrial Automation Inc., Baumer Group, BCM Sensor Technologies, Flintec Group AB, Futek Advanced Sensor Technology, Inc., Gefran S.p.A., Honeywell International, Hottinger Baldwin Messtechnik GmbH, Kavlico Corporation, Kistler Group, Lorrenz Messtechnik GmbH, METTLER TOLEDO, Priamus System Technologies, Sensata Technologies, Siemens AG, Spectris, Taiwan Alpha Electronic, TE Connectivity Ltd., Tekscan, Inc., Texas Instruments, Uneo, and Vishay Precision Group.

#### Cumulative Impact of COVID-19:

COVID-19 is an incomparable global public health emergency that has affected almost every industry, so far and, the long-term effects projected to impact the industry growth during the forecast period. Our ongoing research amplifies our research framework to ensure the inclusion of underlying COVID-19 issues and potential paths forward. The report is delivering insights on COVID-19 considering the changes in consumer

behavior and demand, purchasing patterns, re-routing of the supply chain, dynamics of current market forces, and the significant interventions of governments. The updated study provides insights, analysis, estimations, and forecast, considering the COVID-19 impact on the market.

#### 360iResearch FPNV Positioning Matrix:

The 360iResearch FPNV Positioning Matrix evaluates and categorizes the vendors in the Force Sensor Market on the basis of Business Strategy (Business Growth, Industry Coverage, Financial Viability, and Channel Support) and Product Satisfaction (Value for Money, Ease of Use, Product Features, and Customer Support) that aids businesses in better decision making and understanding the competitive landscape.

#### 360iResearch Competitive Strategic Window:

The 360iResearch Competitive Strategic Window analyses the competitive landscape in terms of markets, applications, and geographies. The 360iResearch Competitive Strategic Window helps the vendor define an alignment or fit between their capabilities and opportunities for future growth prospects. During a forecast period, it defines the optimal or favorable fit for the vendors to adopt successive merger and acquisition strategies, geography expansion, research & development, and new product introduction strategies to execute further business expansion and growth.

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and new product developments

The report answers questions such as:

1. What is the market size and forecast of the Global Force Sensor Market?
2. What are the inhibiting factors and impact of COVID-19 shaping the Global Force Sensor Market during the forecast period?
3. Which are the products/segments/applications/areas to invest in over the forecast

period in the Global Force Sensor Market?

4. What is the competitive strategic window for opportunities in the Global Force Sensor Market?

5. What are the technology trends and regulatory frameworks in the Global Force Sensor Market?

6. What are the modes and strategic moves considered suitable for entering the Global Force Sensor Market?

## Contents

### 1. PREFACE

- 1.1. Objectives of the Study
- 1.2. Market Segmentation & Coverage
- 1.3. Years Considered for the Study
- 1.4. Currency & Pricing
- 1.5. Language
- 1.6. Limitations
- 1.7. Stakeholders

### 2. RESEARCH METHODOLOGY

- 2.1. Research Process
  - 2.1.1. Define: Research Objective
  - 2.1.2. Determine: Research Design
  - 2.1.3. Prepare: Research Instrument
  - 2.1.4. Collect: Data Source
  - 2.1.5. Analyze: Data Interpretation
  - 2.1.6. Formulate: Data Verification
  - 2.1.7. Publish: Research Report
  - 2.1.8. Repeat: Report Update
- 2.2. Research Execution
  - 2.2.1. Initiation: Research Process
  - 2.2.2. Planning: Develop Research Plan
  - 2.2.3. Execution: Conduct Research
  - 2.2.4. Verification: Finding & Analysis
  - 2.2.5. Publication: Research Report
- 2.3. Research Outcome

### 3. EXECUTIVE SUMMARY

- 3.1. Introduction
- 3.2. Market Outlook
- 3.3. Application Outlook
- 3.4. Type Outlook
- 3.5. Operation Outlook
- 3.6. Geography Outlook

### 3.7. Competitor Outlook

## 4. MARKET OVERVIEW

### 4.1. Introduction

### 4.2. Cumulative Impact of COVID-19

## 5. MARKET INSIGHTS

### 5.1. Market Dynamics

#### 5.1.1. Drivers

5.1.1.1. Increased demand of force sensors to weigh objects and prevent machinery from overloading.

5.1.1.2. Rising demand for industrial robots fuelled by Industry 4.0

5.1.1.3. Need for safety features in automobiles and machine handling units

#### 5.1.2. Restraints

5.1.2.1. Complex manufacturing process

5.1.2.2. Differentiated pricing

#### 5.1.3. Opportunities

5.1.3.1. Adoption of force sensors in consumer goods and wearables

5.1.3.2. Popularity of piezoelectric devices for power generation

5.1.3.3. Increased demand of off-the-shelf load cells and tension

#### 5.1.4. Challenges

5.1.4.1. Stringent regulatory framework

### 5.2. Porters Five Forces Analysis

#### 5.2.1. Threat of New Entrants

#### 5.2.2. Threat of Substitutes

#### 5.2.3. Bargaining Power of Customers

#### 5.2.4. Bargaining Power of Suppliers

#### 5.2.5. Industry Rivalry

## 6. GLOBAL FORCE SENSOR MARKET, BY TYPE

### 6.1. Introduction

### 6.2. Accessories

### 6.3. Capacitive Force Sensors

### 6.4. Force Sensing Resistors

### 6.5. Hydraulic load Sensors

### 6.6. Magnetic Force Sensors

- 6.7. Optical Force Sensors
- 6.8. Piezoelectric Force Sensors
- 6.9. Piezoresistive Force Sensors
- 6.10. Strain Gauges

## **7. GLOBAL FORCE SENSOR MARKET, BY OPERATION**

- 7.1. Introduction
- 7.2. Analog
- 7.3. Digital

## **8. GLOBAL FORCE SENSOR MARKET, BY APPLICATION**

- 8.1. Introduction
- 8.2. Aerospace & Defense
- 8.3. Automotive
- 8.4. Chemicals
- 8.5. Consumer Electronics
- 8.6. Energy & Power
- 8.7. Industrial Manufacturing
- 8.8. Mining
- 8.9. Oil & Gas
- 8.10. Packaging
- 8.11. Pharmaceuticals

## **9. AMERICAS FORCE SENSOR MARKET**

- 9.1. Introduction
- 9.2. Argentina
- 9.3. Brazil
- 9.4. Canada
- 9.5. Mexico
- 9.6. United States

## **10. ASIA-PACIFIC FORCE SENSOR MARKET**

- 10.1. Introduction
- 10.2. Australia
- 10.3. China

- 10.4. India
- 10.5. Indonesia
- 10.6. Japan
- 10.7. Malaysia
- 10.8. Philippines
- 10.9. South Korea
- 10.10. Thailand

## **11. EUROPE, MIDDLE EAST & AFRICA FORCE SENSOR MARKET**

- 11.1. Introduction
- 11.2. France
- 11.3. Germany
- 11.4. Italy
- 11.5. Netherlands
- 11.6. Qatar
- 11.7. Russia
- 11.8. Saudi Arabia
- 11.9. South Africa
- 11.10. Spain
- 11.11. United Arab Emirates
- 11.12. United Kingdom

## **12. COMPETITIVE LANDSCAPE**

- 12.1. FPNV Positioning Matrix
  - 12.1.1. Quadrants
  - 12.1.2. Business Strategy
  - 12.1.3. Product Satisfaction
- 12.2. Market Ranking Analysis
- 12.3. Market Share Analysis
- 12.4. Competitor SWOT Analysis
- 12.5. Competitive Scenario
  - 12.5.1. Merger & Acquisition
  - 12.5.2. Agreement, Collaboration, & Partnership
  - 12.5.3. New Product Launch & Enhancement
  - 12.5.4. Investment & Funding
  - 12.5.5. Award, Recognition, & Expansion



## **13. COMPANY USABILITY PROFILES**

- 13.1. ABB
- 13.2. Ati Industrial Automation Inc.
- 13.3. Baumer Group
- 13.4. BCM Sensor Technologies
- 13.5. Flintec Group AB
- 13.6. Futek Advanced Sensor Technology, Inc.
- 13.7. Gefran S.p.A.
- 13.8. Honeywell International
- 13.9. Hottinger Baldwin Messtechnik GmbH
- 13.10. Kavlico Corporation
- 13.11. Kistler Group
- 13.12. Lorrenz Messtechnik GmbH
- 13.13. METTLER TOLEDO
- 13.14. Priamus System Technologies
- 13.15. Sensata Technologies
- 13.16. Siemens AG
- 13.17. Spectris
- 13.18. Taiwan Alpha Electronic
- 13.19. TE Connectivity Ltd.
- 13.20. Tekscan, Inc.
- 13.21. Texas Instruments
- 13.22. Uneo
- 13.23. Vishay Precision Group

## **14. APPENDIX**

- 14.1. Discussion Guide
- 14.2. License & Pricing

## List Of Tables

### LIST OF TABLES

TABLE 1. CURRENCY CONVERSION RATES

TABLE 2. GLOBAL FORCE SENSOR MARKET SIZE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 3. GLOBAL FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 4. GLOBAL FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 5. GLOBAL FORCE SENSOR MARKET SIZE, BY ACCESSORIES, BY

GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 6. GLOBAL FORCE SENSOR MARKET SIZE, BY CAPACITIVE FORCE

SENSORS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 7. GLOBAL FORCE SENSOR MARKET SIZE, BY FORCE SENSING

RESISTORS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 8. GLOBAL FORCE SENSOR MARKET SIZE, BY HYDRAULIC LOAD

SENSORS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 9. GLOBAL FORCE SENSOR MARKET SIZE, BY MAGNETIC FORCE

SENSORS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 10. GLOBAL FORCE SENSOR MARKET SIZE, BY OPTICAL FORCE

SENSORS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 11. GLOBAL FORCE SENSOR MARKET SIZE, BY PIEZOELECTRIC FORCE

SENSORS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 12. GLOBAL FORCE SENSOR MARKET SIZE, BY PIEZORESISTIVE FORCE

SENSORS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 13. GLOBAL FORCE SENSOR MARKET SIZE, BY STRAIN GAUGES, BY

GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 14. GLOBAL FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 15. GLOBAL FORCE SENSOR MARKET SIZE, BY ANALOG, BY

GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 16. GLOBAL FORCE SENSOR MARKET SIZE, BY DIGITA, BY GEOGRAPHY,

2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 17. GLOBAL FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 18. GLOBAL FORCE SENSOR MARKET SIZE, BY AEROSPACE & DEFENSE,

BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 19. GLOBAL FORCE SENSOR MARKET SIZE, BY AUTOMOTIVE, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 20. GLOBAL FORCE SENSOR MARKET SIZE, BY CHEMICALS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 21. GLOBAL FORCE SENSOR MARKET SIZE, BY CONSUMER ELECTRONICS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 22. GLOBAL FORCE SENSOR MARKET SIZE, BY ENERGY & POWER, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 23. GLOBAL FORCE SENSOR MARKET SIZE, BY INDUSTRIAL MANUFACTURING, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 24. GLOBAL FORCE SENSOR MARKET SIZE, BY MINING, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 25. GLOBAL FORCE SENSOR MARKET SIZE, BY OIL & GAS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 26. GLOBAL FORCE SENSOR MARKET SIZE, BY PACKAGING, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 27. GLOBAL FORCE SENSOR MARKET SIZE, BY PHARMACEUTICALS, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 28. AMERICAS FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 29. AMERICAS FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 30. AMERICAS FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 31. AMERICAS FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 32. ARGENTINA FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 33. ARGENTINA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 34. ARGENTINA FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 35. BRAZIL FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 36. BRAZIL FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 37. BRAZIL FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 38. CANADA FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 39. CANADA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 40. CANADA FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 41. MEXICO FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 42. MEXICO FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 43. MEXICO FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 44. UNITED STATES FORCE SENSOR MARKET SIZE, BY APPLICATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 45. UNITED STATES FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 46. UNITED STATES FORCE SENSOR MARKET SIZE, BY OPERATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 47. ASIA-PACIFIC FORCE SENSOR MARKET SIZE, BY GEOGRAPHY,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 48. ASIA-PACIFIC FORCE SENSOR MARKET SIZE, BY APPLICATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 49. ASIA-PACIFIC FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 50. ASIA-PACIFIC FORCE SENSOR MARKET SIZE, BY OPERATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 51. AUSTRALIA FORCE SENSOR MARKET SIZE, BY APPLICATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 52. AUSTRALIA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 53. AUSTRALIA FORCE SENSOR MARKET SIZE, BY OPERATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 54. CHINA FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 55. CHINA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 56. CHINA FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 57. INDIA FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 58. INDIA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 59. INDIA FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 60. INDONESIA FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 61. INDONESIA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 62. INDONESIA FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 63. JAPAN FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 64. JAPAN FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 65. JAPAN FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 66. MALAYSIA FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 67. MALAYSIA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 68. MALAYSIA FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 69. PHILIPPINES FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 70. PHILIPPINES FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 71. PHILIPPINES FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 72. SOUTH KOREA FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 73. SOUTH KOREA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 74. SOUTH KOREA FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 75. THAILAND FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 76. THAILAND FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 77. THAILAND FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 78. EUROPE, MIDDLE EAST & AFRICA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 79. EUROPE, MIDDLE EAST & AFRICA FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 80. EUROPE, MIDDLE EAST & AFRICA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 81. EUROPE, MIDDLE EAST & AFRICA FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 82. FRANCE FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 83. FRANCE FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 84. FRANCE FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 85. GERMANY FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 86. GERMANY FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 87. GERMANY FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 88. ITALY FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 89. ITALY FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 90. ITALY FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 91. NETHERLANDS FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 92. NETHERLANDS FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 93. NETHERLANDS FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 94. QATAR FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 95. QATAR FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 96. QATAR FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025



(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 97. RUSSIA FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 98. RUSSIA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 99. RUSSIA FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025

(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 100. SAUDI ARABIA FORCE SENSOR MARKET SIZE, BY APPLICATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 101. SAUDI ARABIA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 102. SAUDI ARABIA FORCE SENSOR MARKET SIZE, BY OPERATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 103. SOUTH AFRICA FORCE SENSOR MARKET SIZE, BY APPLICATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 104. SOUTH AFRICA FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 105. SOUTH AFRICA FORCE SENSOR MARKET SIZE, BY OPERATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 106. SPAIN FORCE SENSOR MARKET SIZE, BY APPLICATION, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 107. SPAIN FORCE SENSOR MARKET SIZE, BY TYPE, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 108. SPAIN FORCE SENSOR MARKET SIZE, BY OPERATION, 2018-2025  
(USD/EUR/GBP/JPY/AUD MILLION)

TABLE 109. UNITED ARAB EMIRATES FORCE SENSOR MARKET SIZE, BY  
APPLICATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 110. UNITED ARAB EMIRATES FORCE SENSOR MARKET SIZE, BY TYPE,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 111. UNITED ARAB EMIRATES FORCE SENSOR MARKET SIZE, BY  
OPERATION, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 112. UNITED KINGDOM FORCE SENSOR MARKET SIZE, BY APPLICATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 113. UNITED KINGDOM FORCE SENSOR MARKET SIZE, BY TYPE,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 114. UNITED KINGDOM FORCE SENSOR MARKET SIZE, BY OPERATION,  
2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 115. GLOBAL FORCE SENSOR MARKET: SCORES

TABLE 116. GLOBAL FORCE SENSOR MARKET: BUSINESS STRATEGY

TABLE 117. GLOBAL FORCE SENSOR MARKET: PRODUCT SATISFACTION

TABLE 118. GLOBAL FORCE SENSOR MARKET: RANKING

TABLE 119. GLOBAL FORCE SENSOR MARKET: MERGER & ACQUISITION

TABLE 120. GLOBAL FORCE SENSOR MARKET: AGREEMENT, COLLABORATION,  
& PARTNERSHIP

TABLE 121. GLOBAL FORCE SENSOR MARKET: NEW PRODUCT LAUNCH &  
ENHANCEMENT

TABLE 122. GLOBAL FORCE SENSOR MARKET: INVESTMENT & FUNDING

TABLE 123. GLOBAL FORCE SENSOR MARKET: AWARD, RECOGNITION, &  
EXPANSION

TABLE 124. GLOBAL FORCE SENSOR MARKET: LICENSE & PRICING



## List Of Figures

### LIST OF FIGURES

- FIGURE 1. GLOBAL FORCE SENSOR MARKET: RESEARCH PROCESS
- FIGURE 2. GLOBAL FORCE SENSOR MARKET: RESEARCH EXECUTION
- FIGURE 3. GLOBAL FORCE SENSOR MARKET SIZE, 2020 VS 2025 (USD MILLION)
- FIGURE 4. GLOBAL FORCE SENSOR MARKET SIZE, BY APPLICATION, 2020 (USD MILLION)
- FIGURE 5. GLOBAL FORCE SENSOR MARKET SIZE, BY TYPE, 2020 (USD MILLION)
- FIGURE 6. GLOBAL FORCE SENSOR MARKET SIZE, BY OPERATION, 2020 (USD MILLION)
- FIGURE 7. GLOBAL FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2020 (USD MILLION)
- FIGURE 8. GLOBAL FORCE SENSOR MARKET SIZE, 2018-2025 (USD MILLION)
- FIGURE 9. GLOBAL FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (%)
- FIGURE 10. GLOBAL FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (USD MILLION)
- FIGURE 11. COMPETITIVE STRATEGIC WINDOW FOR GLOBAL FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2025
- FIGURE 12. GLOBAL FORCE SENSOR MARKET: MARKET DYNAMICS
- FIGURE 13. GLOBAL FORCE SENSOR MARKET: PORTERS FIVE FORCES ANALYSIS
- FIGURE 14. GLOBAL FORCE SENSOR MARKET SIZE, BY TYPE, 2020 VS 2025 (%)
- FIGURE 15. GLOBAL FORCE SENSOR MARKET SIZE, BY TYPE, 2020 VS 2025 (USD MILLION)
- FIGURE 16. COMPETITIVE STRATEGIC WINDOW FOR GLOBAL FORCE SENSOR MARKET SIZE, BY TYPE, 2025
- FIGURE 17. GLOBAL FORCE SENSOR MARKET SIZE, BY ACCESSORIES, 2020 VS 2025 (USD MILLION)
- FIGURE 18. GLOBAL FORCE SENSOR MARKET SIZE, BY CAPACITIVE FORCE SENSORS, 2020 VS 2025 (USD MILLION)
- FIGURE 19. GLOBAL FORCE SENSOR MARKET SIZE, BY FORCE SENSING RESISTORS, 2020 VS 2025 (USD MILLION)
- FIGURE 20. GLOBAL FORCE SENSOR MARKET SIZE, BY HYDRAULIC LOAD SENSORS, 2020 VS 2025 (USD MILLION)
- FIGURE 21. GLOBAL FORCE SENSOR MARKET SIZE, BY MAGNETIC FORCE

SENSORS, 2020 VS 2025 (USD MILLION)

FIGURE 22. GLOBAL FORCE SENSOR MARKET SIZE, BY OPTICAL FORCE SENSORS, 2020 VS 2025 (USD MILLION)

FIGURE 23. GLOBAL FORCE SENSOR MARKET SIZE, BY PIEZOELECTRIC FORCE SENSORS, 2020 VS 2025 (USD MILLION)

FIGURE 24. GLOBAL FORCE SENSOR MARKET SIZE, BY PIEZORESISTIVE FORCE SENSORS, 2020 VS 2025 (USD MILLION)

FIGURE 25. GLOBAL FORCE SENSOR MARKET SIZE, BY STRAIN GAUGES, 2020 VS 2025 (USD MILLION)

FIGURE 26. GLOBAL FORCE SENSOR MARKET SIZE, BY OPERATION, 2020 VS 2025 (%)

FIGURE 27. GLOBAL FORCE SENSOR MARKET SIZE, BY OPERATION, 2020 VS 2025 (USD MILLION)

FIGURE 28. COMPETITIVE STRATEGIC WINDOW FOR GLOBAL FORCE SENSOR MARKET SIZE, BY OPERATION, 2025

FIGURE 29. GLOBAL FORCE SENSOR MARKET SIZE, BY ANALOG, 2020 VS 2025 (USD MILLION)

FIGURE 30. GLOBAL FORCE SENSOR MARKET SIZE, BY DIGITA, 2020 VS 2025 (USD MILLION)

FIGURE 31. GLOBAL FORCE SENSOR MARKET SIZE, BY APPLICATION, 2020 VS 2025 (%)

FIGURE 32. GLOBAL FORCE SENSOR MARKET SIZE, BY APPLICATION, 2020 VS 2025 (USD MILLION)

FIGURE 33. COMPETITIVE STRATEGIC WINDOW FOR GLOBAL FORCE SENSOR MARKET SIZE, BY APPLICATION, 2025

FIGURE 34. GLOBAL FORCE SENSOR MARKET SIZE, BY AEROSPACE & DEFENSE, 2020 VS 2025 (USD MILLION)

FIGURE 35. GLOBAL FORCE SENSOR MARKET SIZE, BY AUTOMOTIVE, 2020 VS 2025 (USD MILLION)

FIGURE 36. GLOBAL FORCE SENSOR MARKET SIZE, BY CHEMICALS, 2020 VS 2025 (USD MILLION)

FIGURE 37. GLOBAL FORCE SENSOR MARKET SIZE, BY CONSUMER ELECTRONICS, 2020 VS 2025 (USD MILLION)

FIGURE 38. GLOBAL FORCE SENSOR MARKET SIZE, BY ENERGY & POWER, 2020 VS 2025 (USD MILLION)

FIGURE 39. GLOBAL FORCE SENSOR MARKET SIZE, BY INDUSTRIAL MANUFACTURING, 2020 VS 2025 (USD MILLION)

FIGURE 40. GLOBAL FORCE SENSOR MARKET SIZE, BY MINING, 2020 VS 2025 (USD MILLION)

FIGURE 41. GLOBAL FORCE SENSOR MARKET SIZE, BY OIL & GAS, 2020 VS 2025 (USD MILLION)

FIGURE 42. GLOBAL FORCE SENSOR MARKET SIZE, BY PACKAGING, 2020 VS 2025 (USD MILLION)

FIGURE 43. GLOBAL FORCE SENSOR MARKET SIZE, BY PHARMACEUTICALS, 2020 VS 2025 (USD MILLION)

FIGURE 44. AMERICAS FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (%)

FIGURE 45. AMERICAS FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (USD MILLION)

FIGURE 46. COMPETITIVE STRATEGIC WINDOW FOR AMERICAS FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2025

FIGURE 47. ARGENTINA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 48. BRAZIL FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 49. CANADA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 50. MEXICO FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 51. UNITED STATES FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 52. ASIA-PACIFIC FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (%)

FIGURE 53. ASIA-PACIFIC FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (USD MILLION)

FIGURE 54. COMPETITIVE STRATEGIC WINDOW FOR ASIA-PACIFIC FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2025

FIGURE 55. AUSTRALIA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 56. CHINA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 57. INDIA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 58. INDONESIA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 59. JAPAN FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 60. MALAYSIA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY,

2018-2025 (USD MILLION)

FIGURE 61. PHILIPPINES FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 62. SOUTH KOREA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 63. THAILAND FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 64. EUROPE, MIDDLE EAST & AFRICA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (%)

FIGURE 65. EUROPE, MIDDLE EAST & AFRICA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (USD MILLION)

FIGURE 66. COMPETITIVE STRATEGIC WINDOW FOR EUROPE, MIDDLE EAST & AFRICA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2025

FIGURE 67. FRANCE FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 68. GERMANY FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 69. ITALY FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 70. NETHERLANDS FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 71. QATAR FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 72. RUSSIA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 73. SAUDI ARABIA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 74. SOUTH AFRICA FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 75. SPAIN FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 76. UNITED ARAB EMIRATES FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 77. UNITED KINGDOM FORCE SENSOR MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 78. GLOBAL FORCE SENSOR MARKET: 360IRESEARCH FPNV POSITIONING MATRIX

FIGURE 79. GLOBAL FORCE SENSOR MARKET: 360IRESEARCH MARKET SHARE ANALYSIS

FIGURE 80. GLOBAL FORCE SENSOR MARKET: COMPETITOR SWOT ANALYSIS  
FIGURE 81. COMPETITIVE SCENARIO ANALYSIS IN GLOBAL FORCE SENSOR  
MARKET, BY TYPE

## I would like to order

Product name: Force Sensor Market Research Report by Type (Accessories, Capacitive Force Sensors, Force Sensing Resistors, Hydraulic load Sensors, and Magnetic Force Sensors), by Operation (Analog and Digital), by Application - Global Forecast to 2025 - Cumulative Impact of COVID-19

Product link: <https://marketpublishers.com/r/FCB640324282EN.html>

Price: US\$ 3,949.00 (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/FCB640324282EN.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