

Global Oil & Gas Sensors Market Size study & Forecast, by Type (Pressure, Temperature, Level, and Vibration), by Connectivity (Wired and Wireless), by Sector (Upstream, Midstream, and Downstream) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G7051ABEC0CCEN.html>

Date: December 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G7051ABEC0CCEN

Abstracts

Global Oil & Gas Sensors Market is valued at approximately USD 7.6 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 5.17 % over the forecast period 2023-2030. Oil & Gas Sensors are specialized devices used in the oil and gas industry to detect and measure various parameters such as pressure, temperature, flow, and levels of gases or liquids, enabling monitoring and control of processes in oil and gas operations. The Oil & Gas Sensors Market is expanding because of factors such as increasing demand for IoT devices and growing adoption of industrial automation. Moreover, rising demand for IoT devices in the oil and gas industry drives the growth of the Oil & Gas Sensors Market, enabling enhanced monitoring, control, and optimization of operations. IoT integration improves efficiency, safety, and cost-effectiveness, leading to increased adoption of advanced sensors.

According to Statista in 2022, the number of Internet of Things (IoT) devices worldwide is expected to nearly triple from USD9.7 billion in 2020 to over USD29 billion by 2030. By 2030, China is projected to have the largest number of IoT devices, with around 5 billion devices used by consumers. The growing adoption of industrial automation in the oil and gas industry increases the demand for advanced sensors, enabling efficient and automated monitoring. According to Statista in 2020, the global industrial automation market was valued at approximately USD 175 billion. It is projected to experience a compound annual growth rate (CAGR) of around 9% until 2025, reaching a market size of USD 265 billion by that year. In addition, growing offshore investments in the oil & gas industry and rising technological advancements in sensor technologies would

create lucrative growth opportunities. However, technical complexity and the high cost of Oil & Gas sensors stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Oil & Gas Sensors Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market over the forecast period owing to the, increasing emphasis on shale gas exploration and production in North America increase the demand for advanced sensors. Additionally, the region's well-established infrastructure and technological advancements significantly contribute to the widespread adoption of Oil & Gas Sensors in the North America market. Asia Pacific is fastest growing region over the forecast period, owing to factors such as increasing adoption of industrial automation and increasing energy demands and exploration activities driving the demand for advanced sensors in the expanding oil and gas industry.

Major market player included in this report are:

Honeywell International Inc.

Gems Sensors, Inc.

LORD Corporation

Oxsensis Ltd.

TE Connectivity Ltd.

SGX SensorTech Limited

Emerson Electric Co. BEI Duncan Electronics

Svenska Kullagerfabriken

De GRAEFF

Recent Developments in the Market:

In April 2022, MSA Safety, Incorporated introduced the groundbreaking ALTAIR io 4 Gas Detection Wearable devices, a significant advancement in the industry.

Serving as the hardware component of MSA's Connected Work Platform, the ALTAIR io 4 device showcases the integration of cloud-ready technology for enhanced safety solutions.

In April 2022, Sensirion showcased its cutting-edge environmental sensing solutions, SEN50 and SEN55, designed for measuring essential environmental parameters. As a member of the SEN5x series, the SEN50 environmental node serves as a user-friendly sensor solution platform, providing precise measurements of particulate matter.

Global Oil & Gas Sensors Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Type, Connectivity, Sector, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it

also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Pressure

Temperature

Level

Vibration

By Connectivity:

Wired

Wireless

By Sector:

Upstream

Midstream

Downstream

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Oil & Gas Sensors Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Oil & Gas Sensors Market, by Type, 2020-2030 (USD Billion)
 - 1.2.3. Oil & Gas Sensors Market, by Connectivity, 2020-2030 (USD Billion)
 - 1.2.4. Oil & Gas Sensors Market, by Sector, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL OIL & GAS SENSORS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL OIL & GAS SENSORS MARKET DYNAMICS

- 3.1. Oil & Gas Sensors Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing demand for IoT devices
 - 3.1.1.2. Growing adoption of industrial automation.
 - 3.1.2. Market Challenges
 - 3.1.2.1. Technical complexity
 - 3.1.2.2. High cost of Oil & Gas sensors
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing offshore investments in oil & gas industry
 - 3.1.3.2. Rising technological advancements in sensor technologies

CHAPTER 4. GLOBAL OIL & GAS SENSORS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL OIL & GAS SENSORS MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Oil & Gas Sensors Market by Type , Performance - Potential Analysis
- 5.3. Global Oil & Gas Sensors Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Oil & Gas Sensors Market, Sub Segment Analysis
 - 5.4.1. Pressure
 - 5.4.2. Temperature
 - 5.4.3. Level
 - 5.4.4. Vibration

CHAPTER 6. GLOBAL OIL & GAS SENSORS MARKET, BY CONNECTIVITY

- 6.1. Market Snapshot
- 6.2. Global Oil & Gas Sensors Market by Connectivity , Performance - Potential Analysis
- 6.3. Global Oil & Gas Sensors Market Estimates & Forecasts by Connectivity 2020-2030 (USD Billion)

6.4. Oil & Gas Sensors Market, Sub Segment Analysis

6.4.1. Wired

6.4.2. Wireless

CHAPTER 7. GLOBAL OIL & GAS SENSORS MARKET, BY SECTOR

7.1. Market Snapshot

7.2. Global Oil & Gas Sensors Market by Sector , Performance - Potential Analysis

7.3. Global Oil & Gas Sensors Market Estimates & Forecasts by Sector 2020-2030 (USD Billion)

7.4. Oil & Gas Sensors Market, Sub Segment Analysis

7.4.1. Upstream

7.4.2. Midstream

7.4.3. Downstream

CHAPTER 8. GLOBAL OIL & GAS SENSORS MARKET, REGIONAL ANALYSIS

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Oil & Gas Sensors Market, Regional Market Snapshot

8.4. North America Oil & Gas Sensors Market

8.4.1. U.S. Oil & Gas Sensors Market

8.4.1.1. Type breakdown estimates & forecasts, 2020-2030

8.4.1.2. Connectivity breakdown estimates & forecasts, 2020-2030

8.4.1.3. Sector breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Oil & Gas Sensors Market

8.5. Europe Oil & Gas Sensors Market Snapshot

8.5.1. U.K. Oil & Gas Sensors Market

8.5.2. Germany Oil & Gas Sensors Market

8.5.3. France Oil & Gas Sensors Market

8.5.4. Spain Oil & Gas Sensors Market

8.5.5. Italy Oil & Gas Sensors Market

8.5.6. Rest of Europe Oil & Gas Sensors Market

8.6. Asia-Pacific Oil & Gas Sensors Market Snapshot

8.6.1. China Oil & Gas Sensors Market

8.6.2. India Oil & Gas Sensors Market

8.6.3. Japan Oil & Gas Sensors Market

8.6.4. Australia Oil & Gas Sensors Market

8.6.5. South Korea Oil & Gas Sensors Market

- 8.6.6. Rest of Asia Pacific Oil & Gas Sensors Market
- 8.7. Latin America Oil & Gas Sensors Market Snapshot
 - 8.7.1. Brazil Oil & Gas Sensors Market
 - 8.7.2. Mexico Oil & Gas Sensors Market
- 8.8. Middle East & Africa Oil & Gas Sensors Market
 - 8.8.1. Saudi Arabia Oil & Gas Sensors Market
 - 8.8.2. South Africa Oil & Gas Sensors Market
 - 8.8.3. Rest of Middle East & Africa Oil & Gas Sensors Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Honeywell International Inc.
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Recent Developments
 - 9.3.2. Gems Sensors, Inc.
 - 9.3.3. LORD Corporation
 - 9.3.4. Oxsensis Ltd.
 - 9.3.5. TE Connectivity Ltd.
 - 9.3.6. SGX SensorTech Limited
 - 9.3.7. Emerson Electric Co.
 - 9.3.8. BEI Duncan Electronics
 - 9.3.9. Svenska Kullagerfabriken
 - 9.3.10. De Graeff

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Oil & Gas Sensors Market, report scope

TABLE 2. Global Oil & Gas Sensors Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Oil & Gas Sensors Market estimates & forecasts by Type 2020-2030 (USD Billion)

TABLE 4. Global Oil & Gas Sensors Market estimates & forecasts by Connectivity 2020-2030 (USD Billion)

TABLE 5. Global Oil & Gas Sensors Market estimates & forecasts by Sector 2020-2030 (USD Billion)

TABLE 6. Global Oil & Gas Sensors Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Oil & Gas Sensors Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Oil & Gas Sensors Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Oil & Gas Sensors Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Oil & Gas Sensors Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Oil & Gas Sensors Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Oil & Gas Sensors Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Oil & Gas Sensors Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Oil & Gas Sensors Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Oil & Gas Sensors Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. U.S. Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

- TABLE 19. Canada Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 20. Canada Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 21. Canada Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 22. UK Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 23. UK Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 24. UK Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 25. Germany Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 26. Germany Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 27. Germany Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 28. France Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 29. France Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 30. France Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 31. Italy Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 32. Italy Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 33. Italy Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 34. Spain Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 35. Spain Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 36. Spain Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 37. RoE Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 38. RoE Oil & Gas Sensors Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. RoE Oil & Gas Sensors Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 40. China Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. China Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. India Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. Japan Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. Australia Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Oil & Gas Sensors Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Oil & Gas Sensors Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. 12. List of secondary sources, used in the study of global Oil & Gas Sensors Market

TABLE 71. 12. List of primary sources, used in the study of global Oil & Gas Sensors Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures are dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Oil & Gas Sensors Market, research methodology
 - FIG 2. Global Oil & Gas Sensors Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Oil & Gas Sensors Market, key trends 2022
 - FIG 5. Global Oil & Gas Sensors Market, growth prospects 2023-2030
 - FIG 6. Global Oil & Gas Sensors Market, porters 5 force model
 - FIG 7. Global Oil & Gas Sensors Market, pest analysis
 - FIG 8. Global Oil & Gas Sensors Market, value chain analysis
 - FIG 9. Global Oil & Gas Sensors Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Oil & Gas Sensors Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Oil & Gas Sensors Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Oil & Gas Sensors Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Oil & Gas Sensors Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Oil & Gas Sensors Market, regional snapshot 2020 & 2030
 - FIG 15. North America Oil & Gas Sensors Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Oil & Gas Sensors Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Oil & Gas Sensors Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Oil & Gas Sensors Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Oil & Gas Sensors Market 2020 & 2030 (USD Billion)
- List of tables and figures are dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Oil & Gas Sensors Market Size study & Forecast, by Type (Pressure, Temperature, Level, and Vibration), by Connectivity (Wired and Wireless), by Sector (Upstream, Midstream, and Downstream) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G7051ABEC0CCEN.html>

Price: US\$ 4,950.00 (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/G7051ABEC0CCEN.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