

Global MEMS-based Pressure Sensors Market Research Report 2024, Forecast to 2032

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Abstracts

Report Overview

MEMS pressure sensor integrates pressure sensing element and digital conditioning chip, compensating the drift, sensitivity, linearity parameters digitally. Relying on the voltage power supply, this pressure sensor outputs a standard voltage signal which is calibrated and compensated.

The global MEMS-based Pressure Sensors market size was estimated at USD 2227 million in 2023 and is projected to reach USD 3826.84 million by 2032, exhibiting a CAGR of 6.20% during the forecast period.

North America MEMS-based Pressure Sensors market size was estimated at USD 643.61 million in 2023, at a CAGR of 5.31% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global MEMS-based Pressure Sensors market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global MEMS-based Pressure Sensors Market, this report introduces in detail the

market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the MEMS-based Pressure Sensors market in any manner.

Global MEMS-based Pressure Sensors Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Bosch

Infineon Technologies

Sensata Technologies

TE Connectivity

STMicroelectronics

NXP Semiconductors

Amphenol

Honeywell

Kulite

Denso

Omron

TDK

Continental

KELLER

Melexis

Alps Alpine

All Sensors

Fuji Electric

Merit Sensor

Panasonic

Beijing Beetech

MEMSensing Microsystems

NOVOSENSE Microelectronics

Market Segmentation (by Type)

MEMS Capacitive Pressure Sensors

MEMS Piezoresistive Pressure Sensors

Others

Market Segmentation (by Application)

Automotive

Consumer Electronics

Medical

Industrial

Aerospace & Defense

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the MEMS-based Pressure Sensors Market

Overview of the regional outlook of the MEMS-based Pressure Sensors Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the MEMS-based Pressure Sensors Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types,

covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of MEMS-based Pressure Sensors, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

Chapter 13 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of MEMS-based Pressure Sensors
- 1.2 Key Market Segments
 - 1.2.1 MEMS-based Pressure Sensors Segment by Type
 - 1.2.2 MEMS-based Pressure Sensors Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 MEMS-BASED PRESSURE SENSORS MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global MEMS-based Pressure Sensors Market Size (M USD) Estimates and Forecasts (2019-2032)
 - 2.1.2 Global MEMS-based Pressure Sensors Sales Estimates and Forecasts (2019-2032)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 MEMS-BASED PRESSURE SENSORS MARKET COMPETITIVE LANDSCAPE

- 3.1 Global MEMS-based Pressure Sensors Sales by Manufacturers (2019-2024)
- 3.2 Global MEMS-based Pressure Sensors Revenue Market Share by Manufacturers (2019-2024)
- 3.3 MEMS-based Pressure Sensors Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global MEMS-based Pressure Sensors Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers MEMS-based Pressure Sensors Sales Sites, Area Served, Product Type
- 3.6 MEMS-based Pressure Sensors Market Competitive Situation and Trends
 - 3.6.1 MEMS-based Pressure Sensors Market Concentration Rate
 - 3.6.2 Global 5 and 10 Largest MEMS-based Pressure Sensors Players Market Share

by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 MEMS-BASED PRESSURE SENSORS INDUSTRY CHAIN ANALYSIS

4.1 MEMS-based Pressure Sensors Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF MEMS-BASED PRESSURE SENSORS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 MEMS-BASED PRESSURE SENSORS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global MEMS-based Pressure Sensors Sales Market Share by Type (2019-2024)

6.3 Global MEMS-based Pressure Sensors Market Size Market Share by Type (2019-2024)

6.4 Global MEMS-based Pressure Sensors Price by Type (2019-2024)

7 MEMS-BASED PRESSURE SENSORS MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global MEMS-based Pressure Sensors Market Sales by Application (2019-2024)

7.3 Global MEMS-based Pressure Sensors Market Size (M USD) by Application (2019-2024)

7.4 Global MEMS-based Pressure Sensors Sales Growth Rate by Application (2019-2024)

8 MEMS-BASED PRESSURE SENSORS MARKET CONSUMPTION BY REGION

8.1 Global MEMS-based Pressure Sensors Sales by Region

8.1.1 Global MEMS-based Pressure Sensors Sales by Region

8.1.2 Global MEMS-based Pressure Sensors Sales Market Share by Region

8.2 North America

8.2.1 North America MEMS-based Pressure Sensors Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe MEMS-based Pressure Sensors Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific MEMS-based Pressure Sensors Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America MEMS-based Pressure Sensors Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa MEMS-based Pressure Sensors Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 MEMS-BASED PRESSURE SENSORS MARKET PRODUCTION BY REGION

9.1 Global Production of MEMS-based Pressure Sensors by Region (2019-2024)

9.2 Global MEMS-based Pressure Sensors Revenue Market Share by Region (2019-2024)

9.3 Global MEMS-based Pressure Sensors Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America MEMS-based Pressure Sensors Production

9.4.1 North America MEMS-based Pressure Sensors Production Growth Rate (2019-2024)

9.4.2 North America MEMS-based Pressure Sensors Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe MEMS-based Pressure Sensors Production

9.5.1 Europe MEMS-based Pressure Sensors Production Growth Rate (2019-2024)

9.5.2 Europe MEMS-based Pressure Sensors Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan MEMS-based Pressure Sensors Production (2019-2024)

9.6.1 Japan MEMS-based Pressure Sensors Production Growth Rate (2019-2024)

9.6.2 Japan MEMS-based Pressure Sensors Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China MEMS-based Pressure Sensors Production (2019-2024)

9.7.1 China MEMS-based Pressure Sensors Production Growth Rate (2019-2024)

9.7.2 China MEMS-based Pressure Sensors Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 Bosch

10.1.1 Bosch MEMS-based Pressure Sensors Basic Information

10.1.2 Bosch MEMS-based Pressure Sensors Product Overview

10.1.3 Bosch MEMS-based Pressure Sensors Product Market Performance

10.1.4 Bosch Business Overview

10.1.5 Bosch MEMS-based Pressure Sensors SWOT Analysis

10.1.6 Bosch Recent Developments

10.2 Infineon Technologies

10.2.1 Infineon Technologies MEMS-based Pressure Sensors Basic Information

10.2.2 Infineon Technologies MEMS-based Pressure Sensors Product Overview

10.2.3 Infineon Technologies MEMS-based Pressure Sensors Product Market

Performance

- 10.2.4 Infineon Technologies Business Overview
- 10.2.5 Infineon Technologies MEMS-based Pressure Sensors SWOT Analysis
- 10.2.6 Infineon Technologies Recent Developments

10.3 Sensata Technologies

- 10.3.1 Sensata Technologies MEMS-based Pressure Sensors Basic Information
- 10.3.2 Sensata Technologies MEMS-based Pressure Sensors Product Overview
- 10.3.3 Sensata Technologies MEMS-based Pressure Sensors Product Market

Performance

- 10.3.4 Sensata Technologies MEMS-based Pressure Sensors SWOT Analysis
- 10.3.5 Sensata Technologies Business Overview
- 10.3.6 Sensata Technologies Recent Developments

10.4 TE Connectivity

- 10.4.1 TE Connectivity MEMS-based Pressure Sensors Basic Information
- 10.4.2 TE Connectivity MEMS-based Pressure Sensors Product Overview
- 10.4.3 TE Connectivity MEMS-based Pressure Sensors Product Market Performance
- 10.4.4 TE Connectivity Business Overview
- 10.4.5 TE Connectivity Recent Developments

10.5 STMicroelectronics

- 10.5.1 STMicroelectronics MEMS-based Pressure Sensors Basic Information
- 10.5.2 STMicroelectronics MEMS-based Pressure Sensors Product Overview
- 10.5.3 STMicroelectronics MEMS-based Pressure Sensors Product Market

Performance

- 10.5.4 STMicroelectronics Business Overview
- 10.5.5 STMicroelectronics Recent Developments

10.6 NXP Semiconductors

- 10.6.1 NXP Semiconductors MEMS-based Pressure Sensors Basic Information
- 10.6.2 NXP Semiconductors MEMS-based Pressure Sensors Product Overview
- 10.6.3 NXP Semiconductors MEMS-based Pressure Sensors Product Market

Performance

- 10.6.4 NXP Semiconductors Business Overview
- 10.6.5 NXP Semiconductors Recent Developments

10.7 Amphenol

- 10.7.1 Amphenol MEMS-based Pressure Sensors Basic Information
- 10.7.2 Amphenol MEMS-based Pressure Sensors Product Overview
- 10.7.3 Amphenol MEMS-based Pressure Sensors Product Market Performance
- 10.7.4 Amphenol Business Overview
- 10.7.5 Amphenol Recent Developments

10.8 Honeywell

- 10.8.1 Honeywell MEMS-based Pressure Sensors Basic Information
- 10.8.2 Honeywell MEMS-based Pressure Sensors Product Overview
- 10.8.3 Honeywell MEMS-based Pressure Sensors Product Market Performance
- 10.8.4 Honeywell Business Overview
- 10.8.5 Honeywell Recent Developments
- 10.9 Kulite
 - 10.9.1 Kulite MEMS-based Pressure Sensors Basic Information
 - 10.9.2 Kulite MEMS-based Pressure Sensors Product Overview
 - 10.9.3 Kulite MEMS-based Pressure Sensors Product Market Performance
 - 10.9.4 Kulite Business Overview
 - 10.9.5 Kulite Recent Developments
- 10.10 Denso
 - 10.10.1 Denso MEMS-based Pressure Sensors Basic Information
 - 10.10.2 Denso MEMS-based Pressure Sensors Product Overview
 - 10.10.3 Denso MEMS-based Pressure Sensors Product Market Performance
 - 10.10.4 Denso Business Overview
 - 10.10.5 Denso Recent Developments
- 10.11 Omron
 - 10.11.1 Omron MEMS-based Pressure Sensors Basic Information
 - 10.11.2 Omron MEMS-based Pressure Sensors Product Overview
 - 10.11.3 Omron MEMS-based Pressure Sensors Product Market Performance
 - 10.11.4 Omron Business Overview
 - 10.11.5 Omron Recent Developments
- 10.12 TDK
 - 10.12.1 TDK MEMS-based Pressure Sensors Basic Information
 - 10.12.2 TDK MEMS-based Pressure Sensors Product Overview
 - 10.12.3 TDK MEMS-based Pressure Sensors Product Market Performance
 - 10.12.4 TDK Business Overview
 - 10.12.5 TDK Recent Developments
- 10.13 Continental
 - 10.13.1 Continental MEMS-based Pressure Sensors Basic Information
 - 10.13.2 Continental MEMS-based Pressure Sensors Product Overview
 - 10.13.3 Continental MEMS-based Pressure Sensors Product Market Performance
 - 10.13.4 Continental Business Overview
 - 10.13.5 Continental Recent Developments
- 10.14 KELLER
 - 10.14.1 KELLER MEMS-based Pressure Sensors Basic Information
 - 10.14.2 KELLER MEMS-based Pressure Sensors Product Overview
 - 10.14.3 KELLER MEMS-based Pressure Sensors Product Market Performance

- 10.14.4 KELLER Business Overview
- 10.14.5 KELLER Recent Developments
- 10.15 Melexis
 - 10.15.1 Melexis MEMS-based Pressure Sensors Basic Information
 - 10.15.2 Melexis MEMS-based Pressure Sensors Product Overview
 - 10.15.3 Melexis MEMS-based Pressure Sensors Product Market Performance
 - 10.15.4 Melexis Business Overview
 - 10.15.5 Melexis Recent Developments
- 10.16 Alps Alpine
 - 10.16.1 Alps Alpine MEMS-based Pressure Sensors Basic Information
 - 10.16.2 Alps Alpine MEMS-based Pressure Sensors Product Overview
 - 10.16.3 Alps Alpine MEMS-based Pressure Sensors Product Market Performance
 - 10.16.4 Alps Alpine Business Overview
 - 10.16.5 Alps Alpine Recent Developments
- 10.17 All Sensors
 - 10.17.1 All Sensors MEMS-based Pressure Sensors Basic Information
 - 10.17.2 All Sensors MEMS-based Pressure Sensors Product Overview
 - 10.17.3 All Sensors MEMS-based Pressure Sensors Product Market Performance
 - 10.17.4 All Sensors Business Overview
 - 10.17.5 All Sensors Recent Developments
- 10.18 Fuji Electric
 - 10.18.1 Fuji Electric MEMS-based Pressure Sensors Basic Information
 - 10.18.2 Fuji Electric MEMS-based Pressure Sensors Product Overview
 - 10.18.3 Fuji Electric MEMS-based Pressure Sensors Product Market Performance
 - 10.18.4 Fuji Electric Business Overview
 - 10.18.5 Fuji Electric Recent Developments
- 10.19 Merit Sensor
 - 10.19.1 Merit Sensor MEMS-based Pressure Sensors Basic Information
 - 10.19.2 Merit Sensor MEMS-based Pressure Sensors Product Overview
 - 10.19.3 Merit Sensor MEMS-based Pressure Sensors Product Market Performance
 - 10.19.4 Merit Sensor Business Overview
 - 10.19.5 Merit Sensor Recent Developments
- 10.20 Panasonic
 - 10.20.1 Panasonic MEMS-based Pressure Sensors Basic Information
 - 10.20.2 Panasonic MEMS-based Pressure Sensors Product Overview
 - 10.20.3 Panasonic MEMS-based Pressure Sensors Product Market Performance
 - 10.20.4 Panasonic Business Overview
 - 10.20.5 Panasonic Recent Developments
- 10.21 Beijing Beetech

- 10.21.1 Beijing Beetech MEMS-based Pressure Sensors Basic Information
- 10.21.2 Beijing Beetech MEMS-based Pressure Sensors Product Overview
- 10.21.3 Beijing Beetech MEMS-based Pressure Sensors Product Market Performance
- 10.21.4 Beijing Beetech Business Overview
- 10.21.5 Beijing Beetech Recent Developments
- 10.22 MEMSensing Microsystems
 - 10.22.1 MEMSensing Microsystems MEMS-based Pressure Sensors Basic Information
 - 10.22.2 MEMSensing Microsystems MEMS-based Pressure Sensors Product Overview
 - 10.22.3 MEMSensing Microsystems MEMS-based Pressure Sensors Product Market Performance
 - 10.22.4 MEMSensing Microsystems Business Overview
 - 10.22.5 MEMSensing Microsystems Recent Developments
- 10.23 NOVOSENSE Microelectronics
 - 10.23.1 NOVOSENSE Microelectronics MEMS-based Pressure Sensors Basic Information
 - 10.23.2 NOVOSENSE Microelectronics MEMS-based Pressure Sensors Product Overview
 - 10.23.3 NOVOSENSE Microelectronics MEMS-based Pressure Sensors Product Market Performance
 - 10.23.4 NOVOSENSE Microelectronics Business Overview
 - 10.23.5 NOVOSENSE Microelectronics Recent Developments

11 MEMS-BASED PRESSURE SENSORS MARKET FORECAST BY REGION

- 11.1 Global MEMS-based Pressure Sensors Market Size Forecast
- 11.2 Global MEMS-based Pressure Sensors Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe MEMS-based Pressure Sensors Market Size Forecast by Country
 - 11.2.3 Asia Pacific MEMS-based Pressure Sensors Market Size Forecast by Region
 - 11.2.4 South America MEMS-based Pressure Sensors Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Consumption of MEMS-based Pressure Sensors by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

- 12.1 Global MEMS-based Pressure Sensors Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of MEMS-based Pressure Sensors by Type
(2025-2032)

12.1.2 Global MEMS-based Pressure Sensors Market Size Forecast by Type
(2025-2032)

12.1.3 Global Forecasted Price of MEMS-based Pressure Sensors by Type
(2025-2032)

12.2 Global MEMS-based Pressure Sensors Market Forecast by Application
(2025-2032)

12.2.1 Global MEMS-based Pressure Sensors Sales (K Units) Forecast by Application

12.2.2 Global MEMS-based Pressure Sensors Market Size (M USD) Forecast by
Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. MEMS-based Pressure Sensors Market Size Comparison by Region (M USD)

Table 5. Global MEMS-based Pressure Sensors Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global MEMS-based Pressure Sensors Sales Market Share by Manufacturers (2019-2024)

Table 7. Global MEMS-based Pressure Sensors Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global MEMS-based Pressure Sensors Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in MEMS-based Pressure Sensors as of 2022)

Table 10. Global Market MEMS-based Pressure Sensors Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers MEMS-based Pressure Sensors Sales Sites and Area Served

Table 12. Manufacturers MEMS-based Pressure Sensors Product Type

Table 13. Global MEMS-based Pressure Sensors Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of MEMS-based Pressure Sensors

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. MEMS-based Pressure Sensors Market Challenges

Table 22. Global MEMS-based Pressure Sensors Sales by Type (K Units)

Table 23. Global MEMS-based Pressure Sensors Market Size by Type (M USD)

Table 24. Global MEMS-based Pressure Sensors Sales (K Units) by Type (2019-2024)

Table 25. Global MEMS-based Pressure Sensors Sales Market Share by Type (2019-2024)

Table 26. Global MEMS-based Pressure Sensors Market Size (M USD) by Type (2019-2024)

- Table 27. Global MEMS-based Pressure Sensors Market Size Share by Type (2019-2024)
- Table 28. Global MEMS-based Pressure Sensors Price (USD/Unit) by Type (2019-2024)
- Table 29. Global MEMS-based Pressure Sensors Sales (K Units) by Application
- Table 30. Global MEMS-based Pressure Sensors Market Size by Application
- Table 31. Global MEMS-based Pressure Sensors Sales by Application (2019-2024) & (K Units)
- Table 32. Global MEMS-based Pressure Sensors Sales Market Share by Application (2019-2024)
- Table 33. Global MEMS-based Pressure Sensors Sales by Application (2019-2024) & (M USD)
- Table 34. Global MEMS-based Pressure Sensors Market Share by Application (2019-2024)
- Table 35. Global MEMS-based Pressure Sensors Sales Growth Rate by Application (2019-2024)
- Table 36. Global MEMS-based Pressure Sensors Sales by Region (2019-2024) & (K Units)
- Table 37. Global MEMS-based Pressure Sensors Sales Market Share by Region (2019-2024)
- Table 38. North America MEMS-based Pressure Sensors Sales by Country (2019-2024) & (K Units)
- Table 39. Europe MEMS-based Pressure Sensors Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific MEMS-based Pressure Sensors Sales by Region (2019-2024) & (K Units)
- Table 41. South America MEMS-based Pressure Sensors Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa MEMS-based Pressure Sensors Sales by Region (2019-2024) & (K Units)
- Table 43. Global MEMS-based Pressure Sensors Production (K Units) by Region (2019-2024)
- Table 44. Global MEMS-based Pressure Sensors Revenue (US\$ Million) by Region (2019-2024)
- Table 45. Global MEMS-based Pressure Sensors Revenue Market Share by Region (2019-2024)
- Table 46. Global MEMS-based Pressure Sensors Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 47. North America MEMS-based Pressure Sensors Production (K Units),

Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 48. Europe MEMS-based Pressure Sensors Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 49. Japan MEMS-based Pressure Sensors Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 50. China MEMS-based Pressure Sensors Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 51. Bosch MEMS-based Pressure Sensors Basic Information

Table 52. Bosch MEMS-based Pressure Sensors Product Overview

Table 53. Bosch MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 54. Bosch Business Overview

Table 55. Bosch MEMS-based Pressure Sensors SWOT Analysis

Table 56. Bosch Recent Developments

Table 57. Infineon Technologies MEMS-based Pressure Sensors Basic Information

Table 58. Infineon Technologies MEMS-based Pressure Sensors Product Overview

Table 59. Infineon Technologies MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 60. Infineon Technologies Business Overview

Table 61. Infineon Technologies MEMS-based Pressure Sensors SWOT Analysis

Table 62. Infineon Technologies Recent Developments

Table 63. Sensata Technologies MEMS-based Pressure Sensors Basic Information

Table 64. Sensata Technologies MEMS-based Pressure Sensors Product Overview

Table 65. Sensata Technologies MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 66. Sensata Technologies MEMS-based Pressure Sensors SWOT Analysis

Table 67. Sensata Technologies Business Overview

Table 68. Sensata Technologies Recent Developments

Table 69. TE Connectivity MEMS-based Pressure Sensors Basic Information

Table 70. TE Connectivity MEMS-based Pressure Sensors Product Overview

Table 71. TE Connectivity MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 72. TE Connectivity Business Overview

Table 73. TE Connectivity Recent Developments

Table 74. STMicroelectronics MEMS-based Pressure Sensors Basic Information

Table 75. STMicroelectronics MEMS-based Pressure Sensors Product Overview

Table 76. STMicroelectronics MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 77. STMicroelectronics Business Overview

- Table 78. STMicroelectronics Recent Developments
- Table 79. NXP Semiconductors MEMS-based Pressure Sensors Basic Information
- Table 80. NXP Semiconductors MEMS-based Pressure Sensors Product Overview
- Table 81. NXP Semiconductors MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 82. NXP Semiconductors Business Overview
- Table 83. NXP Semiconductors Recent Developments
- Table 84. Amphenol MEMS-based Pressure Sensors Basic Information
- Table 85. Amphenol MEMS-based Pressure Sensors Product Overview
- Table 86. Amphenol MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 87. Amphenol Business Overview
- Table 88. Amphenol Recent Developments
- Table 89. Honeywell MEMS-based Pressure Sensors Basic Information
- Table 90. Honeywell MEMS-based Pressure Sensors Product Overview
- Table 91. Honeywell MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 92. Honeywell Business Overview
- Table 93. Honeywell Recent Developments
- Table 94. Kulite MEMS-based Pressure Sensors Basic Information
- Table 95. Kulite MEMS-based Pressure Sensors Product Overview
- Table 96. Kulite MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 97. Kulite Business Overview
- Table 98. Kulite Recent Developments
- Table 99. Denso MEMS-based Pressure Sensors Basic Information
- Table 100. Denso MEMS-based Pressure Sensors Product Overview
- Table 101. Denso MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 102. Denso Business Overview
- Table 103. Denso Recent Developments
- Table 104. Omron MEMS-based Pressure Sensors Basic Information
- Table 105. Omron MEMS-based Pressure Sensors Product Overview
- Table 106. Omron MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 107. Omron Business Overview
- Table 108. Omron Recent Developments
- Table 109. TDK MEMS-based Pressure Sensors Basic Information
- Table 110. TDK MEMS-based Pressure Sensors Product Overview

Table 111. TDK MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 112. TDK Business Overview

Table 113. TDK Recent Developments

Table 114. Continental MEMS-based Pressure Sensors Basic Information

Table 115. Continental MEMS-based Pressure Sensors Product Overview

Table 116. Continental MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 117. Continental Business Overview

Table 118. Continental Recent Developments

Table 119. KELLER MEMS-based Pressure Sensors Basic Information

Table 120. KELLER MEMS-based Pressure Sensors Product Overview

Table 121. KELLER MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 122. KELLER Business Overview

Table 123. KELLER Recent Developments

Table 124. Melexis MEMS-based Pressure Sensors Basic Information

Table 125. Melexis MEMS-based Pressure Sensors Product Overview

Table 126. Melexis MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 127. Melexis Business Overview

Table 128. Melexis Recent Developments

Table 129. Alps Alpine MEMS-based Pressure Sensors Basic Information

Table 130. Alps Alpine MEMS-based Pressure Sensors Product Overview

Table 131. Alps Alpine MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 132. Alps Alpine Business Overview

Table 133. Alps Alpine Recent Developments

Table 134. All Sensors MEMS-based Pressure Sensors Basic Information

Table 135. All Sensors MEMS-based Pressure Sensors Product Overview

Table 136. All Sensors MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 137. All Sensors Business Overview

Table 138. All Sensors Recent Developments

Table 139. Fuji Electric MEMS-based Pressure Sensors Basic Information

Table 140. Fuji Electric MEMS-based Pressure Sensors Product Overview

Table 141. Fuji Electric MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 142. Fuji Electric Business Overview

- Table 143. Fuji Electric Recent Developments
- Table 144. Merit Sensor MEMS-based Pressure Sensors Basic Information
- Table 145. Merit Sensor MEMS-based Pressure Sensors Product Overview
- Table 146. Merit Sensor MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 147. Merit Sensor Business Overview
- Table 148. Merit Sensor Recent Developments
- Table 149. Panasonic MEMS-based Pressure Sensors Basic Information
- Table 150. Panasonic MEMS-based Pressure Sensors Product Overview
- Table 151. Panasonic MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 152. Panasonic Business Overview
- Table 153. Panasonic Recent Developments
- Table 154. Beijing Beetech MEMS-based Pressure Sensors Basic Information
- Table 155. Beijing Beetech MEMS-based Pressure Sensors Product Overview
- Table 156. Beijing Beetech MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 157. Beijing Beetech Business Overview
- Table 158. Beijing Beetech Recent Developments
- Table 159. MEMSensing Microsystems MEMS-based Pressure Sensors Basic Information
- Table 160. MEMSensing Microsystems MEMS-based Pressure Sensors Product Overview
- Table 161. MEMSensing Microsystems MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 162. MEMSensing Microsystems Business Overview
- Table 163. MEMSensing Microsystems Recent Developments
- Table 164. NOVOSENSE Microelectronics MEMS-based Pressure Sensors Basic Information
- Table 165. NOVOSENSE Microelectronics MEMS-based Pressure Sensors Product Overview
- Table 166. NOVOSENSE Microelectronics MEMS-based Pressure Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 167. NOVOSENSE Microelectronics Business Overview
- Table 168. NOVOSENSE Microelectronics Recent Developments
- Table 169. Global MEMS-based Pressure Sensors Sales Forecast by Region (2025-2032) & (K Units)
- Table 170. Global MEMS-based Pressure Sensors Market Size Forecast by Region (2025-2032) & (M USD)

Table 171. North America MEMS-based Pressure Sensors Sales Forecast by Country (2025-2032) & (K Units)

Table 172. North America MEMS-based Pressure Sensors Market Size Forecast by Country (2025-2032) & (M USD)

Table 173. Europe MEMS-based Pressure Sensors Sales Forecast by Country (2025-2032) & (K Units)

Table 174. Europe MEMS-based Pressure Sensors Market Size Forecast by Country (2025-2032) & (M USD)

Table 175. Asia Pacific MEMS-based Pressure Sensors Sales Forecast by Region (2025-2032) & (K Units)

Table 176. Asia Pacific MEMS-based Pressure Sensors Market Size Forecast by Region (2025-2032) & (M USD)

Table 177. South America MEMS-based Pressure Sensors Sales Forecast by Country (2025-2032) & (K Units)

Table 178. South America MEMS-based Pressure Sensors Market Size Forecast by Country (2025-2032) & (M USD)

Table 179. Middle East and Africa MEMS-based Pressure Sensors Consumption Forecast by Country (2025-2032) & (Units)

Table 180. Middle East and Africa MEMS-based Pressure Sensors Market Size Forecast by Country (2025-2032) & (M USD)

Table 181. Global MEMS-based Pressure Sensors Sales Forecast by Type (2025-2032) & (K Units)

Table 182. Global MEMS-based Pressure Sensors Market Size Forecast by Type (2025-2032) & (M USD)

Table 183. Global MEMS-based Pressure Sensors Price Forecast by Type (2025-2032) & (USD/Unit)

Table 184. Global MEMS-based Pressure Sensors Sales (K Units) Forecast by Application (2025-2032)

Table 185. Global MEMS-based Pressure Sensors Market Size Forecast by Application (2025-2032) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of MEMS-based Pressure Sensors

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global MEMS-based Pressure Sensors Market Size (M USD), 2019-2032

Figure 5. Global MEMS-based Pressure Sensors Market Size (M USD) (2019-2032)

Figure 6. Global MEMS-based Pressure Sensors Sales (K Units) & (2019-2032)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. MEMS-based Pressure Sensors Market Size by Country (M USD)

Figure 11. MEMS-based Pressure Sensors Sales Share by Manufacturers in 2023

Figure 12. Global MEMS-based Pressure Sensors Revenue Share by Manufacturers in 2023

Figure 13. MEMS-based Pressure Sensors Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market MEMS-based Pressure Sensors Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by MEMS-based Pressure Sensors Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global MEMS-based Pressure Sensors Market Share by Type

Figure 18. Sales Market Share of MEMS-based Pressure Sensors by Type (2019-2024)

Figure 19. Sales Market Share of MEMS-based Pressure Sensors by Type in 2023

Figure 20. Market Size Share of MEMS-based Pressure Sensors by Type (2019-2024)

Figure 21. Market Size Market Share of MEMS-based Pressure Sensors by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global MEMS-based Pressure Sensors Market Share by Application

Figure 24. Global MEMS-based Pressure Sensors Sales Market Share by Application (2019-2024)

Figure 25. Global MEMS-based Pressure Sensors Sales Market Share by Application in 2023

Figure 26. Global MEMS-based Pressure Sensors Market Share by Application (2019-2024)

Figure 27. Global MEMS-based Pressure Sensors Market Share by Application in 2023

Figure 28. Global MEMS-based Pressure Sensors Sales Growth Rate by Application (2019-2024)

Figure 29. Global MEMS-based Pressure Sensors Sales Market Share by Region (2019-2024)

Figure 30. North America MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America MEMS-based Pressure Sensors Sales Market Share by Country in 2023

Figure 32. U.S. MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada MEMS-based Pressure Sensors Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico MEMS-based Pressure Sensors Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe MEMS-based Pressure Sensors Sales Market Share by Country in 2023

Figure 37. Germany MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific MEMS-based Pressure Sensors Sales and Growth Rate (K Units)

Figure 43. Asia Pacific MEMS-based Pressure Sensors Sales Market Share by Region in 2023

Figure 44. China MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) &

(K Units)

Figure 48. Southeast Asia MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America MEMS-based Pressure Sensors Sales and Growth Rate (K Units)

Figure 50. South America MEMS-based Pressure Sensors Sales Market Share by Country in 2023

Figure 51. Brazil MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa MEMS-based Pressure Sensors Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa MEMS-based Pressure Sensors Sales Market Share by Region in 2023

Figure 56. Saudi Arabia MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa MEMS-based Pressure Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global MEMS-based Pressure Sensors Production Market Share by Region (2019-2024)

Figure 62. North America MEMS-based Pressure Sensors Production (K Units) Growth Rate (2019-2024)

Figure 63. Europe MEMS-based Pressure Sensors Production (K Units) Growth Rate (2019-2024)

Figure 64. Japan MEMS-based Pressure Sensors Production (K Units) Growth Rate (2019-2024)

Figure 65. China MEMS-based Pressure Sensors Production (K Units) Growth Rate (2019-2024)

Figure 66. Global MEMS-based Pressure Sensors Sales Forecast by Volume (2019-2032) & (K Units)

Figure 67. Global MEMS-based Pressure Sensors Market Size Forecast by Value (2019-2032) & (M USD)

Figure 68. Global MEMS-based Pressure Sensors Sales Market Share Forecast by Type (2025-2032)

Figure 69. Global MEMS-based Pressure Sensors Market Share Forecast by Type (2025-2032)

Figure 70. Global MEMS-based Pressure Sensors Sales Forecast by Application (2025-2032)

Figure 71. Global MEMS-based Pressure Sensors Market Share Forecast by Application (2025-2032)

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