

# Global Piezoelectric Sensors Actuators Market Research Report 2023(Status and Outlook)

<https://marketpublishers.com/r/G8714FFDA81DEN.html>

Date: October 2023

Pages: 129

Price: US\$ 3,200.00 (Single User License)

ID: G8714FFDA81DEN

## Abstracts

### Report Overview

A piezoelectric sensor is an instrument that applies the piezoelectric effect to measure variations in strain, temperature, acceleration, pressure, or force by transforming this energy into an electrical load. Piezoelectric actuators are ceramic elements used to convert electrical energy into mechanical energy such as displacement or force by utilizing the piezoelectric longitudinal effect. A piezoelectric actuator converts an electrical signal into a precisely controlled physical displacement (stroke). If displacement is prevented, a useable force (blocking force) will develop. The precise movement control afforded by piezoelectric actuators is used to finely adjust machining tools, lenses, mirrors, or other equipment. A piezo actuator can be used to control hydraulic valves, act as a small-volume pump or special-purpose motor, and in other applications requiring movement or force. There are many applications where a piezoelectric actuator may be used, such as ultraprecise positioning and in the generation and handling of high forces or pressures in static or in dynamic situations. Bosson Research's latest report provides a deep insight into the global Piezoelectric Sensors Actuators 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, Porter's five forces 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 Piezoelectric Sensors Actuators 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 Piezoelectric Sensors Actuators market in any manner.

Global Piezoelectric Sensors Actuators 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

TDK Corporation

Murata Manufacturing

KEMET (TOKIN Corporation)

CTS (Noliac)

TAIYO YUDEN

Johnson Matthey

Physik Instrumente (PI) Group

Piezosystem Jena

APC International (Schneider Electric)

Kinetic Ceramics

DSM

Market Segmentation (by Type)

Piezoelectric Sensors

Piezoelectric Actuators

Market Segmentation (by Application)

Industrial and Manufacturing

Automotive

Consumer Electronics

Medical

Military

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 Piezoelectric Sensors Actuators Market  
Overview of the regional outlook of the Piezoelectric Sensors Actuators 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 (USD Billion) 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 Piezoelectric Sensors Actuators 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 and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 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 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Piezoelectric Sensors Actuators
- 1.2 Key Market Segments
  - 1.2.1 Piezoelectric Sensors Actuators Segment by Type
  - 1.2.2 Piezoelectric Sensors Actuators 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 PIEZOELECTRIC SENSORS ACTUATORS MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Piezoelectric Sensors Actuators Market Size (M USD) Estimates and Forecasts (2018-2029)
  - 2.1.2 Global Piezoelectric Sensors Actuators Sales Estimates and Forecasts (2018-2029)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 PIEZOELECTRIC SENSORS ACTUATORS MARKET COMPETITIVE LANDSCAPE**

- 3.1 Global Piezoelectric Sensors Actuators Sales by Manufacturers (2018-2023)
- 3.2 Global Piezoelectric Sensors Actuators Revenue Market Share by Manufacturers (2018-2023)
- 3.3 Piezoelectric Sensors Actuators Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Piezoelectric Sensors Actuators Average Price by Manufacturers (2018-2023)
- 3.5 Manufacturers Piezoelectric Sensors Actuators Sales Sites, Area Served, Product Type
- 3.6 Piezoelectric Sensors Actuators Market Competitive Situation and Trends
  - 3.6.1 Piezoelectric Sensors Actuators Market Concentration Rate
  - 3.6.2 Global 5 and 10 Largest Piezoelectric Sensors Actuators Players Market Share

by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 PIEZOELECTRIC SENSORS ACTUATORS INDUSTRY CHAIN ANALYSIS**

4.1 Piezoelectric Sensors Actuators 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 PIEZOELECTRIC SENSORS ACTUATORS 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 PIEZOELECTRIC SENSORS ACTUATORS MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Piezoelectric Sensors Actuators Sales Market Share by Type (2018-2023)

6.3 Global Piezoelectric Sensors Actuators Market Size Market Share by Type (2018-2023)

6.4 Global Piezoelectric Sensors Actuators Price by Type (2018-2023)

## **7 PIEZOELECTRIC SENSORS ACTUATORS MARKET SEGMENTATION BY APPLICATION**

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Piezoelectric Sensors Actuators Market Sales by Application (2018-2023)

7.3 Global Piezoelectric Sensors Actuators Market Size (M USD) by Application (2018-2023)

## 7.4 Global Piezoelectric Sensors Actuators Sales Growth Rate by Application (2018-2023)

# **8 PIEZOELECTRIC SENSORS ACTUATORS MARKET SEGMENTATION BY REGION**

## 8.1 Global Piezoelectric Sensors Actuators Sales by Region

### 8.1.1 Global Piezoelectric Sensors Actuators Sales by Region

### 8.1.2 Global Piezoelectric Sensors Actuators Sales Market Share by Region

## 8.2 North America

### 8.2.1 North America Piezoelectric Sensors Actuators Sales by Country

#### 8.2.2 U.S.

#### 8.2.3 Canada

#### 8.2.4 Mexico

## 8.3 Europe

### 8.3.1 Europe Piezoelectric Sensors Actuators 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 Piezoelectric Sensors Actuators 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 Piezoelectric Sensors Actuators 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 Piezoelectric Sensors Actuators 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 KEY COMPANIES PROFILE

## 9.1 TDK Corporation

- 9.1.1 TDK Corporation Piezoelectric Sensors Actuators Basic Information
- 9.1.2 TDK Corporation Piezoelectric Sensors Actuators Product Overview
- 9.1.3 TDK Corporation Piezoelectric Sensors Actuators Product Market Performance
- 9.1.4 TDK Corporation Business Overview
- 9.1.5 TDK Corporation Piezoelectric Sensors Actuators SWOT Analysis
- 9.1.6 TDK Corporation Recent Developments

## 9.2 Murata Manufacturing

- 9.2.1 Murata Manufacturing Piezoelectric Sensors Actuators Basic Information
- 9.2.2 Murata Manufacturing Piezoelectric Sensors Actuators Product Overview
- 9.2.3 Murata Manufacturing Piezoelectric Sensors Actuators Product Market

### Performance

- 9.2.4 Murata Manufacturing Business Overview
- 9.2.5 Murata Manufacturing Piezoelectric Sensors Actuators SWOT Analysis
- 9.2.6 Murata Manufacturing Recent Developments

## 9.3 KEMET (TOKIN Corporation)

- 9.3.1 KEMET (TOKIN Corporation) Piezoelectric Sensors Actuators Basic Information
- 9.3.2 KEMET (TOKIN Corporation) Piezoelectric Sensors Actuators Product Overview
- 9.3.3 KEMET (TOKIN Corporation) Piezoelectric Sensors Actuators Product Market

### Performance

- 9.3.4 KEMET (TOKIN Corporation) Business Overview
- 9.3.5 KEMET (TOKIN Corporation) Piezoelectric Sensors Actuators SWOT Analysis
- 9.3.6 KEMET (TOKIN Corporation) Recent Developments

## 9.4 CTS (Noliac)

- 9.4.1 CTS (Noliac) Piezoelectric Sensors Actuators Basic Information
- 9.4.2 CTS (Noliac) Piezoelectric Sensors Actuators Product Overview
- 9.4.3 CTS (Noliac) Piezoelectric Sensors Actuators Product Market Performance
- 9.4.4 CTS (Noliac) Business Overview
- 9.4.5 CTS (Noliac) Piezoelectric Sensors Actuators SWOT Analysis
- 9.4.6 CTS (Noliac) Recent Developments

## 9.5 TAIYO YUDEN

- 9.5.1 TAIYO YUDEN Piezoelectric Sensors Actuators Basic Information
- 9.5.2 TAIYO YUDEN Piezoelectric Sensors Actuators Product Overview
- 9.5.3 TAIYO YUDEN Piezoelectric Sensors Actuators Product Market Performance
- 9.5.4 TAIYO YUDEN Business Overview

- 9.5.5 TAIYO YUDEN Piezoelectric Sensors Actuators SWOT Analysis
- 9.5.6 TAIYO YUDEN Recent Developments
- 9.6 Johnson Matthey
  - 9.6.1 Johnson Matthey Piezoelectric Sensors Actuators Basic Information
  - 9.6.2 Johnson Matthey Piezoelectric Sensors Actuators Product Overview
  - 9.6.3 Johnson Matthey Piezoelectric Sensors Actuators Product Market Performance
  - 9.6.4 Johnson Matthey Business Overview
  - 9.6.5 Johnson Matthey Recent Developments
- 9.7 Physik Instrumente (PI) Group
  - 9.7.1 Physik Instrumente (PI) Group Piezoelectric Sensors Actuators Basic Information
  - 9.7.2 Physik Instrumente (PI) Group Piezoelectric Sensors Actuators Product Overview
  - 9.7.3 Physik Instrumente (PI) Group Piezoelectric Sensors Actuators Product Market Performance
  - 9.7.4 Physik Instrumente (PI) Group Business Overview
  - 9.7.5 Physik Instrumente (PI) Group Recent Developments
- 9.8 Piezosystem Jena
  - 9.8.1 Piezosystem Jena Piezoelectric Sensors Actuators Basic Information
  - 9.8.2 Piezosystem Jena Piezoelectric Sensors Actuators Product Overview
  - 9.8.3 Piezosystem Jena Piezoelectric Sensors Actuators Product Market Performance
  - 9.8.4 Piezosystem Jena Business Overview
  - 9.8.5 Piezosystem Jena Recent Developments
- 9.9 APC International (Schneider Electric)
  - 9.9.1 APC International (Schneider Electric) Piezoelectric Sensors Actuators Basic Information
  - 9.9.2 APC International (Schneider Electric) Piezoelectric Sensors Actuators Product Overview
  - 9.9.3 APC International (Schneider Electric) Piezoelectric Sensors Actuators Product Market Performance
  - 9.9.4 APC International (Schneider Electric) Business Overview
  - 9.9.5 APC International (Schneider Electric) Recent Developments
- 9.10 Kinetic Ceramics
  - 9.10.1 Kinetic Ceramics Piezoelectric Sensors Actuators Basic Information
  - 9.10.2 Kinetic Ceramics Piezoelectric Sensors Actuators Product Overview
  - 9.10.3 Kinetic Ceramics Piezoelectric Sensors Actuators Product Market Performance
  - 9.10.4 Kinetic Ceramics Business Overview
  - 9.10.5 Kinetic Ceramics Recent Developments
- 9.11 DSM
  - 9.11.1 DSM Piezoelectric Sensors Actuators Basic Information

- 9.11.2 DSM Piezoelectric Sensors Actuators Product Overview
- 9.11.3 DSM Piezoelectric Sensors Actuators Product Market Performance
- 9.11.4 DSM Business Overview
- 9.11.5 DSM Recent Developments

## **10 PIEZOELECTRIC SENSORS ACTUATORS MARKET FORECAST BY REGION**

- 10.1 Global Piezoelectric Sensors Actuators Market Size Forecast
- 10.2 Global Piezoelectric Sensors Actuators Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country
  - 10.2.2 Europe Piezoelectric Sensors Actuators Market Size Forecast by Country
  - 10.2.3 Asia Pacific Piezoelectric Sensors Actuators Market Size Forecast by Region
  - 10.2.4 South America Piezoelectric Sensors Actuators Market Size Forecast by Country
  - 10.2.5 Middle East and Africa Forecasted Consumption of Piezoelectric Sensors Actuators by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2024-2029)**

- 11.1 Global Piezoelectric Sensors Actuators Market Forecast by Type (2024-2029)
  - 11.1.1 Global Forecasted Sales of Piezoelectric Sensors Actuators by Type (2024-2029)
  - 11.1.2 Global Piezoelectric Sensors Actuators Market Size Forecast by Type (2024-2029)
  - 11.1.3 Global Forecasted Price of Piezoelectric Sensors Actuators by Type (2024-2029)
- 11.2 Global Piezoelectric Sensors Actuators Market Forecast by Application (2024-2029)
  - 11.2.1 Global Piezoelectric Sensors Actuators Sales (K Units) Forecast by Application
  - 11.2.2 Global Piezoelectric Sensors Actuators Market Size (M USD) Forecast by Application (2024-2029)

## **12 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. Piezoelectric Sensors Actuators Market Size Comparison by Region (M USD)

Table 5. Global Piezoelectric Sensors Actuators Sales (K Units) by Manufacturers (2018-2023)

Table 6. Global Piezoelectric Sensors Actuators Sales Market Share by Manufacturers (2018-2023)

Table 7. Global Piezoelectric Sensors Actuators Revenue (M USD) by Manufacturers (2018-2023)

Table 8. Global Piezoelectric Sensors Actuators Revenue Share by Manufacturers (2018-2023)

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

Table 10. Global Market Piezoelectric Sensors Actuators Average Price (USD/Unit) of Key Manufacturers (2018-2023)

Table 11. Manufacturers Piezoelectric Sensors Actuators Sales Sites and Area Served

Table 12. Manufacturers Piezoelectric Sensors Actuators Product Type

Table 13. Global Piezoelectric Sensors Actuators Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Piezoelectric Sensors Actuators

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. Piezoelectric Sensors Actuators Market Challenges

Table 22. Market Restraints

Table 23. Global Piezoelectric Sensors Actuators Sales by Type (K Units)

Table 24. Global Piezoelectric Sensors Actuators Market Size by Type (M USD)

Table 25. Global Piezoelectric Sensors Actuators Sales (K Units) by Type (2018-2023)

Table 26. Global Piezoelectric Sensors Actuators Sales Market Share by Type (2018-2023)

Table 27. Global Piezoelectric Sensors Actuators Market Size (M USD) by Type

(2018-2023)

Table 28. Global Piezoelectric Sensors Actuators Market Size Share by Type

(2018-2023)

Table 29. Global Piezoelectric Sensors Actuators Price (USD/Unit) by Type (2018-2023)

Table 30. Global Piezoelectric Sensors Actuators Sales (K Units) by Application

Table 31. Global Piezoelectric Sensors Actuators Market Size by Application

Table 32. Global Piezoelectric Sensors Actuators Sales by Application (2018-2023) & (K Units)

Table 33. Global Piezoelectric Sensors Actuators Sales Market Share by Application (2018-2023)

Table 34. Global Piezoelectric Sensors Actuators Sales by Application (2018-2023) & (M USD)

Table 35. Global Piezoelectric Sensors Actuators Market Share by Application (2018-2023)

Table 36. Global Piezoelectric Sensors Actuators Sales Growth Rate by Application (2018-2023)

Table 37. Global Piezoelectric Sensors Actuators Sales by Region (2018-2023) & (K Units)

Table 38. Global Piezoelectric Sensors Actuators Sales Market Share by Region (2018-2023)

Table 39. North America Piezoelectric Sensors Actuators Sales by Country (2018-2023) & (K Units)

Table 40. Europe Piezoelectric Sensors Actuators Sales by Country (2018-2023) & (K Units)

Table 41. Asia Pacific Piezoelectric Sensors Actuators Sales by Region (2018-2023) & (K Units)

Table 42. South America Piezoelectric Sensors Actuators Sales by Country (2018-2023) & (K Units)

Table 43. Middle East and Africa Piezoelectric Sensors Actuators Sales by Region (2018-2023) & (K Units)

Table 44. TDK Corporation Piezoelectric Sensors Actuators Basic Information

Table 45. TDK Corporation Piezoelectric Sensors Actuators Product Overview

Table 46. TDK Corporation Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 47. TDK Corporation Business Overview

Table 48. TDK Corporation Piezoelectric Sensors Actuators SWOT Analysis

Table 49. TDK Corporation Recent Developments

Table 50. Murata Manufacturing Piezoelectric Sensors Actuators Basic Information

Table 51. Murata Manufacturing Piezoelectric Sensors Actuators Product Overview

Table 52. Murata Manufacturing Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 53. Murata Manufacturing Business Overview

Table 54. Murata Manufacturing Piezoelectric Sensors Actuators SWOT Analysis

Table 55. Murata Manufacturing Recent Developments

Table 56. KEMET (TOKIN Corporation) Piezoelectric Sensors Actuators Basic Information

Table 57. KEMET (TOKIN Corporation) Piezoelectric Sensors Actuators Product Overview

Table 58. KEMET (TOKIN Corporation) Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 59. KEMET (TOKIN Corporation) Business Overview

Table 60. KEMET (TOKIN Corporation) Piezoelectric Sensors Actuators SWOT Analysis

Table 61. KEMET (TOKIN Corporation) Recent Developments

Table 62. CTS (Noliac) Piezoelectric Sensors Actuators Basic Information

Table 63. CTS (Noliac) Piezoelectric Sensors Actuators Product Overview

Table 64. CTS (Noliac) Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 65. CTS (Noliac) Business Overview

Table 66. CTS (Noliac) Piezoelectric Sensors Actuators SWOT Analysis

Table 67. CTS (Noliac) Recent Developments

Table 68. TAIYO YUDEN Piezoelectric Sensors Actuators Basic Information

Table 69. TAIYO YUDEN Piezoelectric Sensors Actuators Product Overview

Table 70. TAIYO YUDEN Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 71. TAIYO YUDEN Business Overview

Table 72. TAIYO YUDEN Piezoelectric Sensors Actuators SWOT Analysis

Table 73. TAIYO YUDEN Recent Developments

Table 74. Johnson Matthey Piezoelectric Sensors Actuators Basic Information

Table 75. Johnson Matthey Piezoelectric Sensors Actuators Product Overview

Table 76. Johnson Matthey Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 77. Johnson Matthey Business Overview

Table 78. Johnson Matthey Recent Developments

Table 79. Physik Instrumente (PI) Group Piezoelectric Sensors Actuators Basic Information

Table 80. Physik Instrumente (PI) Group Piezoelectric Sensors Actuators Product Overview

Table 81. Physik Instrumente (PI) Group Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 82. Physik Instrumente (PI) Group Business Overview

Table 83. Physik Instrumente (PI) Group Recent Developments

Table 84. Piezosystem Jena Piezoelectric Sensors Actuators Basic Information

Table 85. Piezosystem Jena Piezoelectric Sensors Actuators Product Overview

Table 86. Piezosystem Jena Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 87. Piezosystem Jena Business Overview

Table 88. Piezosystem Jena Recent Developments

Table 89. APC International (Schneider Electric) Piezoelectric Sensors Actuators Basic Information

Table 90. APC International (Schneider Electric) Piezoelectric Sensors Actuators Product Overview

Table 91. APC International (Schneider Electric) Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 92. APC International (Schneider Electric) Business Overview

Table 93. APC International (Schneider Electric) Recent Developments

Table 94. Kinetic Ceramics Piezoelectric Sensors Actuators Basic Information

Table 95. Kinetic Ceramics Piezoelectric Sensors Actuators Product Overview

Table 96. Kinetic Ceramics Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 97. Kinetic Ceramics Business Overview

Table 98. Kinetic Ceramics Recent Developments

Table 99. DSM Piezoelectric Sensors Actuators Basic Information

Table 100. DSM Piezoelectric Sensors Actuators Product Overview

Table 101. DSM Piezoelectric Sensors Actuators Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 102. DSM Business Overview

Table 103. DSM Recent Developments

Table 104. Global Piezoelectric Sensors Actuators Sales Forecast by Region (2024-2029) & (K Units)

Table 105. Global Piezoelectric Sensors Actuators Market Size Forecast by Region (2024-2029) & (M USD)

Table 106. North America Piezoelectric Sensors Actuators Sales Forecast by Country (2024-2029) & (K Units)

Table 107. North America Piezoelectric Sensors Actuators Market Size Forecast by Country (2024-2029) & (M USD)

Table 108. Europe Piezoelectric Sensors Actuators Sales Forecast by Country

(2024-2029) & (K Units)

Table 109. Europe Piezoelectric Sensors Actuators Market Size Forecast by Country (2024-2029) & (M USD)

Table 110. Asia Pacific Piezoelectric Sensors Actuators Sales Forecast by Region (2024-2029) & (K Units)

Table 111. Asia Pacific Piezoelectric Sensors Actuators Market Size Forecast by Region (2024-2029) & (M USD)

Table 112. South America Piezoelectric Sensors Actuators Sales Forecast by Country (2024-2029) & (K Units)

Table 113. South America Piezoelectric Sensors Actuators Market Size Forecast by Country (2024-2029) & (M USD)

Table 114. Middle East and Africa Piezoelectric Sensors Actuators Consumption Forecast by Country (2024-2029) & (Units)

Table 115. Middle East and Africa Piezoelectric Sensors Actuators Market Size Forecast by Country (2024-2029) & (M USD)

Table 116. Global Piezoelectric Sensors Actuators Sales Forecast by Type (2024-2029) & (K Units)

Table 117. Global Piezoelectric Sensors Actuators Market Size Forecast by Type (2024-2029) & (M USD)

Table 118. Global Piezoelectric Sensors Actuators Price Forecast by Type (2024-2029) & (USD/Unit)

Table 119. Global Piezoelectric Sensors Actuators Sales (K Units) Forecast by Application (2024-2029)

Table 120. Global Piezoelectric Sensors Actuators Market Size Forecast by Application (2024-2029) & (M USD)



## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Piezoelectric Sensors Actuators

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Piezoelectric Sensors Actuators Market Size (M USD), 2018-2029

Figure 5. Global Piezoelectric Sensors Actuators Market Size (M USD) (2018-2029)

Figure 6. Global Piezoelectric Sensors Actuators Sales (K Units) & (2018-2029)

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. Piezoelectric Sensors Actuators Market Size by Country (M USD)

Figure 11. Piezoelectric Sensors Actuators Sales Share by Manufacturers in 2022

Figure 12. Global Piezoelectric Sensors Actuators Revenue Share by Manufacturers in 2022

Figure 13. Piezoelectric Sensors Actuators Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2018 Vs 2022

Figure 14. Global Market Piezoelectric Sensors Actuators Average Price (USD/Unit) of Key Manufacturers in 2022

Figure 15. The Global 5 and 10 Largest Players: Market Share by Piezoelectric Sensors Actuators Revenue in 2022

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

Figure 17. Global Piezoelectric Sensors Actuators Market Share by Type

Figure 18. Sales Market Share of Piezoelectric Sensors Actuators by Type (2018-2023)

Figure 19. Sales Market Share of Piezoelectric Sensors Actuators by Type in 2022

Figure 20. Market Size Share of Piezoelectric Sensors Actuators by Type (2018-2023)

Figure 21. Market Size Market Share of Piezoelectric Sensors Actuators by Type in 2022

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

Figure 23. Global Piezoelectric Sensors Actuators Market Share by Application

Figure 24. Global Piezoelectric Sensors Actuators Sales Market Share by Application (2018-2023)

Figure 25. Global Piezoelectric Sensors Actuators Sales Market Share by Application in 2022

Figure 26. Global Piezoelectric Sensors Actuators Market Share by Application (2018-2023)

Figure 27. Global Piezoelectric Sensors Actuators Market Share by Application in 2022

Figure 28. Global Piezoelectric Sensors Actuators Sales Growth Rate by Application (2018-2023)

Figure 29. Global Piezoelectric Sensors Actuators Sales Market Share by Region (2018-2023)

Figure 30. North America Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 31. North America Piezoelectric Sensors Actuators Sales Market Share by Country in 2022

Figure 32. U.S. Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 33. Canada Piezoelectric Sensors Actuators Sales (K Units) and Growth Rate (2018-2023)

Figure 34. Mexico Piezoelectric Sensors Actuators Sales (Units) and Growth Rate (2018-2023)

Figure 35. Europe Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 36. Europe Piezoelectric Sensors Actuators Sales Market Share by Country in 2022

Figure 37. Germany Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 38. France Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 39. U.K. Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 40. Italy Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 41. Russia Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 42. Asia Pacific Piezoelectric Sensors Actuators Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Piezoelectric Sensors Actuators Sales Market Share by Region in 2022

Figure 44. China Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 45. Japan Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 46. South Korea Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 47. India Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) &

(K Units)

Figure 48. Southeast Asia Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 49. South America Piezoelectric Sensors Actuators Sales and Growth Rate (K Units)

Figure 50. South America Piezoelectric Sensors Actuators Sales Market Share by Country in 2022

Figure 51. Brazil Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 52. Argentina Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 53. Columbia Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 54. Middle East and Africa Piezoelectric Sensors Actuators Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Piezoelectric Sensors Actuators Sales Market Share by Region in 2022

Figure 56. Saudi Arabia Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 57. UAE Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 58. Egypt Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 59. Nigeria Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 60. South Africa Piezoelectric Sensors Actuators Sales and Growth Rate (2018-2023) & (K Units)

Figure 61. Global Piezoelectric Sensors Actuators Sales Forecast by Volume (2018-2029) & (K Units)

Figure 62. Global Piezoelectric Sensors Actuators Market Size Forecast by Value (2018-2029) & (M USD)

Figure 63. Global Piezoelectric Sensors Actuators Sales Market Share Forecast by Type (2024-2029)

Figure 64. Global Piezoelectric Sensors Actuators Market Share Forecast by Type (2024-2029)

Figure 65. Global Piezoelectric Sensors Actuators Sales Forecast by Application (2024-2029)

Figure 66. Global Piezoelectric Sensors Actuators Market Share Forecast by Application (2024-2029)

## I would like to order

Product name: Global Piezoelectric Sensors Actuators Market Research Report 2023(Status and Outlook)

Product link: <https://marketpublishers.com/r/G8714FFDA81DEN.html>

Price: US\$ 3,200.00 (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/G8714FFDA81DEN.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

