

Global Ring-type Piezoelectric Actuator Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/RF7930A18F62EN.html>

Date: June 2026

Pages: 97

Price: US\$ 3,480.00 (Single User License)

ID: RF7930A18F62EN

Abstracts

According to our (Global Info Research) latest study, the global Ring-type Piezoelectric Actuator market size was valued at US\$ 676 million in 2025 and is forecast to a readjusted size of US\$ 940 million by 2032 with a CAGR of 4.9% during review period.

Ring-type piezoelectric actuator is a kind of device which utilizes the electromechanical coupling characteristics of piezoelectric materials to achieve accurate displacement or force output.

This report is a detailed and comprehensive analysis for global Ring-type Piezoelectric Actuator market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Ring-type Piezoelectric Actuator market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Ring-type Piezoelectric Actuator market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Ring-type Piezoelectric Actuator market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Ring-type Piezoelectric Actuator market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries

- To assess the growth potential for Ring-type Piezoelectric Actuator

- To forecast future growth in each product and end-use market

- To assess competitive factors affecting the marketplace

This report profiles key players in the global Ring-type Piezoelectric Actuator market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Physik Instrumente, PiezoData, Piezosystem Jena, KEMET, CTS Corporation, Harbin Coremorrow Technology, Beijing Winner Optical Instrument, Suzhou Pante Ceramics Technology, Shanghai Yinguan Semiconductor, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Ring-type Piezoelectric Actuator market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

High Voltage

Low Voltage

Market segment by Application

Aerospace

Automobile

Industrial

Precision Optical

Others

Major players covered

Physik Instrumente

PiezoData

Piezosystem Jena

KEMET

CTS Corporation

Harbin Coremorrow Technology

Beijing Winner Optical Instrument

Suzhou Pante Ceramics Technology

Shanghai Yinguang Semiconductor

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Ring-type Piezoelectric Actuator product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ring-type Piezoelectric Actuator, with price, sales quantity, revenue, and global market share of Ring-type Piezoelectric Actuator from 2021 to 2026.

Chapter 3, the Ring-type Piezoelectric Actuator competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ring-type Piezoelectric Actuator breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Ring-type Piezoelectric Actuator market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Ring-type Piezoelectric Actuator.

Chapter 14 and 15, to describe Ring-type Piezoelectric Actuator sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Ring-type Piezoelectric Actuator Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 High Voltage

1.3.3 Low Voltage

1.4 Market Analysis by Application

1.4.1 Overview: Global Ring-type Piezoelectric Actuator Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.4.2 Aerospace

1.4.3 Automobile

1.4.4 Industrial

1.4.5 Precision Optical

1.4.6 Others

1.5 Global Ring-type Piezoelectric Actuator Market Size & Forecast

1.5.1 Global Ring-type Piezoelectric Actuator Consumption Value (2021 & 2025 & 2032)

1.5.2 Global Ring-type Piezoelectric Actuator Sales Quantity (2021-2032)

1.5.3 Global Ring-type Piezoelectric Actuator Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Physik Instrumente

2.1.1 Physik Instrumente Details

2.1.2 Physik Instrumente Major Business

2.1.3 Physik Instrumente Ring-type Piezoelectric Actuator Product and Services

2.1.4 Physik Instrumente Ring-type Piezoelectric Actuator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Physik Instrumente Recent Developments/Updates

2.2 PiezoData

2.2.1 PiezoData Details

2.2.2 PiezoData Major Business

2.2.3 PiezoData Ring-type Piezoelectric Actuator Product and Services

2.2.4 PiezoData Ring-type Piezoelectric Actuator Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 PiezoData Recent Developments/Updates

2.3 Piezosystem Jena

2.3.1 Piezosystem Jena Details

2.3.2 Piezosystem Jena Major Business

2.3.3 Piezosystem Jena Ring-type Piezoelectric Actuator Product and Services

2.3.4 Piezosystem Jena Ring-type Piezoelectric Actuator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Piezosystem Jena Recent Developments/Updates

2.4 KEMET

2.4.1 KEMET Details

2.4.2 KEMET Major Business

2.4.3 KEMET Ring-type Piezoelectric Actuator Product and Services

2.4.4 KEMET Ring-type Piezoelectric Actuator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 KEMET Recent Developments/Updates

2.5 CTS Corporation

2.5.1 CTS Corporation Details

2.5.2 CTS Corporation Major Business

2.5.3 CTS Corporation Ring-type Piezoelectric Actuator Product and Services

2.5.4 CTS Corporation Ring-type Piezoelectric Actuator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 CTS Corporation Recent Developments/Updates

2.6 Harbin Coremorrow Technology

2.6.1 Harbin Coremorrow Technology Details

2.6.2 Harbin Coremorrow Technology Major Business

2.6.3 Harbin Coremorrow Technology Ring-type Piezoelectric Actuator Product and Services

2.6.4 Harbin Coremorrow Technology Ring-type Piezoelectric Actuator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Harbin Coremorrow Technology Recent Developments/Updates

2.7 Beijing Winner Optical Instrument

2.7.1 Beijing Winner Optical Instrument Details

2.7.2 Beijing Winner Optical Instrument Major Business

2.7.3 Beijing Winner Optical Instrument Ring-type Piezoelectric Actuator Product and Services

2.7.4 Beijing Winner Optical Instrument Ring-type Piezoelectric Actuator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Beijing Winner Optical Instrument Recent Developments/Updates

2.8 Suzhou Pante Ceramics Technology

2.8.1 Suzhou Pante Ceramics Technology Details

2.8.2 Suzhou Pante Ceramics Technology Major Business

2.8.3 Suzhou Pante Ceramics Technology Ring-type Piezoelectric Actuator Product and Services

2.8.4 Suzhou Pante Ceramics Technology Ring-type Piezoelectric Actuator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Suzhou Pante Ceramics Technology Recent Developments/Updates

2.9 Shanghai Yinguan Semiconductor

2.9.1 Shanghai Yinguan Semiconductor Details

2.9.2 Shanghai Yinguan Semiconductor Major Business

2.9.3 Shanghai Yinguan Semiconductor Ring-type Piezoelectric Actuator Product and Services

2.9.4 Shanghai Yinguan Semiconductor Ring-type Piezoelectric Actuator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Shanghai Yinguan Semiconductor Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: RING-TYPE PIEZOELECTRIC ACTUATOR BY MANUFACTURER

3.1 Global Ring-type Piezoelectric Actuator Sales Quantity by Manufacturer (2021-2026)

3.2 Global Ring-type Piezoelectric Actuator Revenue by Manufacturer (2021-2026)

3.3 Global Ring-type Piezoelectric Actuator Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Ring-type Piezoelectric Actuator by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Ring-type Piezoelectric Actuator Manufacturer Market Share in 2025

3.4.3 Top 6 Ring-type Piezoelectric Actuator Manufacturer Market Share in 2025

3.5 Ring-type Piezoelectric Actuator Market: Overall Company Footprint Analysis

3.5.1 Ring-type Piezoelectric Actuator Market: Region Footprint

3.5.2 Ring-type Piezoelectric Actuator Market: Company Product Type Footprint

3.5.3 Ring-type Piezoelectric Actuator Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Ring-type Piezoelectric Actuator Market Size by Region

- 4.1.1 Global Ring-type Piezoelectric Actuator Sales Quantity by Region (2021-2032)
- 4.1.2 Global Ring-type Piezoelectric Actuator Consumption Value by Region (2021-2032)
- 4.1.3 Global Ring-type Piezoelectric Actuator Average Price by Region (2021-2032)
- 4.2 North America Ring-type Piezoelectric Actuator Consumption Value (2021-2032)
- 4.3 Europe Ring-type Piezoelectric Actuator Consumption Value (2021-2032)
- 4.4 Asia-Pacific Ring-type Piezoelectric Actuator Consumption Value (2021-2032)
- 4.5 South America Ring-type Piezoelectric Actuator Consumption Value (2021-2032)
- 4.6 Middle East & Africa Ring-type Piezoelectric Actuator Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2032)
- 5.2 Global Ring-type Piezoelectric Actuator Consumption Value by Type (2021-2032)
- 5.3 Global Ring-type Piezoelectric Actuator Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2032)
- 6.2 Global Ring-type Piezoelectric Actuator Consumption Value by Application (2021-2032)
- 6.3 Global Ring-type Piezoelectric Actuator Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2032)
- 7.2 North America Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2032)
- 7.3 North America Ring-type Piezoelectric Actuator Market Size by Country
 - 7.3.1 North America Ring-type Piezoelectric Actuator Sales Quantity by Country (2021-2032)
 - 7.3.2 North America Ring-type Piezoelectric Actuator Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)
 - 7.3.4 Canada Market Size and Forecast (2021-2032)
 - 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

- 8.1 Europe Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2032)
- 8.2 Europe Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2032)
- 8.3 Europe Ring-type Piezoelectric Actuator Market Size by Country
 - 8.3.1 Europe Ring-type Piezoelectric Actuator Sales Quantity by Country (2021-2032)
 - 8.3.2 Europe Ring-type Piezoelectric Actuator Consumption Value by Country (2021-2032)
 - 8.3.3 Germany Market Size and Forecast (2021-2032)
 - 8.3.4 France Market Size and Forecast (2021-2032)
 - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
 - 8.3.6 Russia Market Size and Forecast (2021-2032)
 - 8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific Ring-type Piezoelectric Actuator Market Size by Region
 - 9.3.1 Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity by Region (2021-2032)
 - 9.3.2 Asia-Pacific Ring-type Piezoelectric Actuator Consumption Value by Region (2021-2032)
 - 9.3.3 China Market Size and Forecast (2021-2032)
 - 9.3.4 Japan Market Size and Forecast (2021-2032)
 - 9.3.5 South Korea Market Size and Forecast (2021-2032)
 - 9.3.6 India Market Size and Forecast (2021-2032)
 - 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
 - 9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

- 10.1 South America Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2032)
- 10.2 South America Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2032)
- 10.3 South America Ring-type Piezoelectric Actuator Market Size by Country
 - 10.3.1 South America Ring-type Piezoelectric Actuator Sales Quantity by Country (2021-2032)

10.3.2 South America Ring-type Piezoelectric Actuator Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Ring-type Piezoelectric Actuator Market Size by Country

11.3.1 Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Ring-type Piezoelectric Actuator Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Ring-type Piezoelectric Actuator Market Drivers

12.2 Ring-type Piezoelectric Actuator Market Restraints

12.3 Ring-type Piezoelectric Actuator Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Ring-type Piezoelectric Actuator and Key Manufacturers

13.2 Manufacturing Costs Percentage of Ring-type Piezoelectric Actuator

13.3 Ring-type Piezoelectric Actuator Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Ring-type Piezoelectric Actuator Typical Distributors

14.3 Ring-type Piezoelectric Actuator Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Ring-type Piezoelectric Actuator Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Ring-type Piezoelectric Actuator Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 3. Physik Instrumente Basic Information, Manufacturing Base and Competitors

Table 4. Physik Instrumente Major Business

Table 5. Physik Instrumente Ring-type Piezoelectric Actuator Product and Services

Table 6. Physik Instrumente Ring-type Piezoelectric Actuator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 7. Physik Instrumente Recent Developments/Updates

Table 8. PiezoData Basic Information, Manufacturing Base and Competitors

Table 9. PiezoData Major Business

Table 10. PiezoData Ring-type Piezoelectric Actuator Product and Services

Table 11. PiezoData Ring-type Piezoelectric Actuator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 12. PiezoData Recent Developments/Updates

Table 13. Piezosystem Jena Basic Information, Manufacturing Base and Competitors

Table 14. Piezosystem Jena Major Business

Table 15. Piezosystem Jena Ring-type Piezoelectric Actuator Product and Services

Table 16. Piezosystem Jena Ring-type Piezoelectric Actuator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 17. Piezosystem Jena Recent Developments/Updates

Table 18. KEMET Basic Information, Manufacturing Base and Competitors

Table 19. KEMET Major Business

Table 20. KEMET Ring-type Piezoelectric Actuator Product and Services

Table 21. KEMET Ring-type Piezoelectric Actuator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 22. KEMET Recent Developments/Updates

Table 23. CTS Corporation Basic Information, Manufacturing Base and Competitors

Table 24. CTS Corporation Major Business

Table 25. CTS Corporation Ring-type Piezoelectric Actuator Product and Services

Table 26. CTS Corporation Ring-type Piezoelectric Actuator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share

(2021-2026)

Table 27. CTS Corporation Recent Developments/Updates

Table 28. Harbin Coremorrow Technology Basic Information, Manufacturing Base and Competitors

Table 29. Harbin Coremorrow Technology Major Business

Table 30. Harbin Coremorrow Technology Ring-type Piezoelectric Actuator Product and Services

Table 31. Harbin Coremorrow Technology Ring-type Piezoelectric Actuator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 32. Harbin Coremorrow Technology Recent Developments/Updates

Table 33. Beijing Winner Optical Instrument Basic Information, Manufacturing Base and Competitors

Table 34. Beijing Winner Optical Instrument Major Business

Table 35. Beijing Winner Optical Instrument Ring-type Piezoelectric Actuator Product and Services

Table 36. Beijing Winner Optical Instrument Ring-type Piezoelectric Actuator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 37. Beijing Winner Optical Instrument Recent Developments/Updates

Table 38. Suzhou Pante Ceramics Technology Basic Information, Manufacturing Base and Competitors

Table 39. Suzhou Pante Ceramics Technology Major Business

Table 40. Suzhou Pante Ceramics Technology Ring-type Piezoelectric Actuator Product and Services

Table 41. Suzhou Pante Ceramics Technology Ring-type Piezoelectric Actuator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 42. Suzhou Pante Ceramics Technology Recent Developments/Updates

Table 43. Shanghai Yinguan Semiconductor Basic Information, Manufacturing Base and Competitors

Table 44. Shanghai Yinguan Semiconductor Major Business

Table 45. Shanghai Yinguan Semiconductor Ring-type Piezoelectric Actuator Product and Services

Table 46. Shanghai Yinguan Semiconductor Ring-type Piezoelectric Actuator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 47. Shanghai Yinguan Semiconductor Recent Developments/Updates

Table 48. Global Ring-type Piezoelectric Actuator Sales Quantity by Manufacturer

(2021-2026) & (K Units)

Table 49. Global Ring-type Piezoelectric Actuator Revenue by Manufacturer

(2021-2026) & (USD Million)

Table 50. Global Ring-type Piezoelectric Actuator Average Price by Manufacturer

(2021-2026) & (US\$/Unit)

Table 51. Market Position of Manufacturers in Ring-type Piezoelectric Actuator, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 52. Head Office and Ring-type Piezoelectric Actuator Production Site of Key Manufacturer

Table 53. Ring-type Piezoelectric Actuator Market: Company Product Type Footprint

Table 54. Ring-type Piezoelectric Actuator Market: Company Product Application Footprint

Table 55. Ring-type Piezoelectric Actuator New Market Entrants and Barriers to Market Entry

Table 56. Ring-type Piezoelectric Actuator Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global Ring-type Piezoelectric Actuator Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 58. Global Ring-type Piezoelectric Actuator Sales Quantity by Region (2021-2026) & (K Units)

Table 59. Global Ring-type Piezoelectric Actuator Sales Quantity by Region (2027-2032) & (K Units)

Table 60. Global Ring-type Piezoelectric Actuator Consumption Value by Region (2021-2026) & (USD Million)

Table 61. Global Ring-type Piezoelectric Actuator Consumption Value by Region (2027-2032) & (USD Million)

Table 62. Global Ring-type Piezoelectric Actuator Average Price by Region (2021-2026) & (US\$/Unit)

Table 63. Global Ring-type Piezoelectric Actuator Average Price by Region (2027-2032) & (US\$/Unit)

Table 64. Global Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2026) & (K Units)

Table 65. Global Ring-type Piezoelectric Actuator Sales Quantity by Type (2027-2032) & (K Units)

Table 66. Global Ring-type Piezoelectric Actuator Consumption Value by Type (2021-2026) & (USD Million)

Table 67. Global Ring-type Piezoelectric Actuator Consumption Value by Type (2027-2032) & (USD Million)

Table 68. Global Ring-type Piezoelectric Actuator Average Price by Type (2021-2026) &

(US\$/Unit)

Table 69. Global Ring-type Piezoelectric Actuator Average Price by Type (2027-2032) & (US\$/Unit)

Table 70. Global Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2026) & (K Units)

Table 71. Global Ring-type Piezoelectric Actuator Sales Quantity by Application (2027-2032) & (K Units)

Table 72. Global Ring-type Piezoelectric Actuator Consumption Value by Application (2021-2026) & (USD Million)

Table 73. Global Ring-type Piezoelectric Actuator Consumption Value by Application (2027-2032) & (USD Million)

Table 74. Global Ring-type Piezoelectric Actuator Average Price by Application (2021-2026) & (US\$/Unit)

Table 75. Global Ring-type Piezoelectric Actuator Average Price by Application (2027-2032) & (US\$/Unit)

Table 76. North America Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2026) & (K Units)

Table 77. North America Ring-type Piezoelectric Actuator Sales Quantity by Type (2027-2032) & (K Units)

Table 78. North America Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2026) & (K Units)

Table 79. North America Ring-type Piezoelectric Actuator Sales Quantity by Application (2027-2032) & (K Units)

Table 80. North America Ring-type Piezoelectric Actuator Sales Quantity by Country (2021-2026) & (K Units)

Table 81. North America Ring-type Piezoelectric Actuator Sales Quantity by Country (2027-2032) & (K Units)

Table 82. North America Ring-type Piezoelectric Actuator Consumption Value by Country (2021-2026) & (USD Million)

Table 83. North America Ring-type Piezoelectric Actuator Consumption Value by Country (2027-2032) & (USD Million)

Table 84. Europe Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2026) & (K Units)

Table 85. Europe Ring-type Piezoelectric Actuator Sales Quantity by Type (2027-2032) & (K Units)

Table 86. Europe Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2026) & (K Units)

Table 87. Europe Ring-type Piezoelectric Actuator Sales Quantity by Application (2027-2032) & (K Units)

Table 88. Europe Ring-type Piezoelectric Actuator Sales Quantity by Country (2021-2026) & (K Units)

Table 89. Europe Ring-type Piezoelectric Actuator Sales Quantity by Country (2027-2032) & (K Units)

Table 90. Europe Ring-type Piezoelectric Actuator Consumption Value by Country (2021-2026) & (USD Million)

Table 91. Europe Ring-type Piezoelectric Actuator Consumption Value by Country (2027-2032) & (USD Million)

Table 92. Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2026) & (K Units)

Table 93. Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity by Type (2027-2032) & (K Units)

Table 94. Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2026) & (K Units)

Table 95. Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity by Application (2027-2032) & (K Units)

Table 96. Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity by Region (2021-2026) & (K Units)

Table 97. Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity by Region (2027-2032) & (K Units)

Table 98. Asia-Pacific Ring-type Piezoelectric Actuator Consumption Value by Region (2021-2026) & (USD Million)

Table 99. Asia-Pacific Ring-type Piezoelectric Actuator Consumption Value by Region (2027-2032) & (USD Million)

Table 100. South America Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2026) & (K Units)

Table 101. South America Ring-type Piezoelectric Actuator Sales Quantity by Type (2027-2032) & (K Units)

Table 102. South America Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2026) & (K Units)

Table 103. South America Ring-type Piezoelectric Actuator Sales Quantity by Application (2027-2032) & (K Units)

Table 104. South America Ring-type Piezoelectric Actuator Sales Quantity by Country (2021-2026) & (K Units)

Table 105. South America Ring-type Piezoelectric Actuator Sales Quantity by Country (2027-2032) & (K Units)

Table 106. South America Ring-type Piezoelectric Actuator Consumption Value by Country (2021-2026) & (USD Million)

Table 107. South America Ring-type Piezoelectric Actuator Consumption Value by

Country (2027-2032) & (USD Million)

Table 108. Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity by Type (2021-2026) & (K Units)

Table 109. Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity by Type (2027-2032) & (K Units)

Table 110. Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity by Application (2021-2026) & (K Units)

Table 111. Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity by Application (2027-2032) & (K Units)

Table 112. Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity by Country (2021-2026) & (K Units)

Table 113. Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity by Country (2027-2032) & (K Units)

Table 114. Middle East & Africa Ring-type Piezoelectric Actuator Consumption Value by Country (2021-2026) & (USD Million)

Table 115. Middle East & Africa Ring-type Piezoelectric Actuator Consumption Value by Country (2027-2032) & (USD Million)

Table 116. Ring-type Piezoelectric Actuator Raw Material

Table 117. Key Manufacturers of Ring-type Piezoelectric Actuator Raw Materials

Table 118. Ring-type Piezoelectric Actuator Typical Distributors

Table 119. Ring-type Piezoelectric Actuator Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Ring-type Piezoelectric Actuator Picture

Figure 2. Global Ring-type Piezoelectric Actuator Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Ring-type Piezoelectric Actuator Revenue Market Share by Type in 2025

Figure 4. High Voltage Examples

Figure 5. Low Voltage Examples

Figure 6. Global Ring-type Piezoelectric Actuator Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 7. Global Ring-type Piezoelectric Actuator Revenue Market Share by Application in 2025

Figure 8. Aerospace Examples

Figure 9. Automobile Examples

Figure 10. Industrial Examples

Figure 11. Precision Optical Examples

Figure 12. Others Examples

Figure 13. Global Ring-type Piezoelectric Actuator Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 14. Global Ring-type Piezoelectric Actuator Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 15. Global Ring-type Piezoelectric Actuator Sales Quantity (2021-2032) & (K Units)

Figure 16. Global Ring-type Piezoelectric Actuator Price (2021-2032) & (US\$/Unit)

Figure 17. Global Ring-type Piezoelectric Actuator Sales Quantity Market Share by Manufacturer in 2025

Figure 18. Global Ring-type Piezoelectric Actuator Revenue Market Share by Manufacturer in 2025

Figure 19. Producer Shipments of Ring-type Piezoelectric Actuator by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 20. Top 3 Ring-type Piezoelectric Actuator Manufacturer (Revenue) Market Share in 2025

Figure 21. Top 6 Ring-type Piezoelectric Actuator Manufacturer (Revenue) Market Share in 2025

Figure 22. Global Ring-type Piezoelectric Actuator Sales Quantity Market Share by Region (2021-2032)

Figure 23. Global Ring-type Piezoelectric Actuator Consumption Value Market Share by Region (2021-2032)

Figure 24. North America Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 25. Europe Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 26. Asia-Pacific Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 27. South America Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 28. Middle East & Africa Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 29. Global Ring-type Piezoelectric Actuator Sales Quantity Market Share by Type (2021-2032)

Figure 30. Global Ring-type Piezoelectric Actuator Consumption Value Market Share by Type (2021-2032)

Figure 31. Global Ring-type Piezoelectric Actuator Average Price by Type (2021-2032) & (US\$/Unit)

Figure 32. Global Ring-type Piezoelectric Actuator Sales Quantity Market Share by Application (2021-2032)

Figure 33. Global Ring-type Piezoelectric Actuator Revenue Market Share by Application (2021-2032)

Figure 34. Global Ring-type Piezoelectric Actuator Average Price by Application (2021-2032) & (US\$/Unit)

Figure 35. North America Ring-type Piezoelectric Actuator Sales Quantity Market Share by Type (2021-2032)

Figure 36. North America Ring-type Piezoelectric Actuator Sales Quantity Market Share by Application (2021-2032)

Figure 37. North America Ring-type Piezoelectric Actuator Sales Quantity Market Share by Country (2021-2032)

Figure 38. North America Ring-type Piezoelectric Actuator Consumption Value Market Share by Country (2021-2032)

Figure 39. United States Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 40. Canada Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 41. Mexico Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 42. Europe Ring-type Piezoelectric Actuator Sales Quantity Market Share by

Type (2021-2032)

Figure 43. Europe Ring-type Piezoelectric Actuator Sales Quantity Market Share by Application (2021-2032)

Figure 44. Europe Ring-type Piezoelectric Actuator Sales Quantity Market Share by Country (2021-2032)

Figure 45. Europe Ring-type Piezoelectric Actuator Consumption Value Market Share by Country (2021-2032)

Figure 46. Germany Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 47. France Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 48. United Kingdom Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 49. Russia Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 50. Italy Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 51. Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity Market Share by Type (2021-2032)

Figure 52. Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity Market Share by Application (2021-2032)

Figure 53. Asia-Pacific Ring-type Piezoelectric Actuator Sales Quantity Market Share by Region (2021-2032)

Figure 54. Asia-Pacific Ring-type Piezoelectric Actuator Consumption Value Market Share by Region (2021-2032)

Figure 55. China Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 56. Japan Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 57. South Korea Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 58. India Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 59. Southeast Asia Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 60. Australia Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 61. South America Ring-type Piezoelectric Actuator Sales Quantity Market Share by Type (2021-2032)

Figure 62. South America Ring-type Piezoelectric Actuator Sales Quantity Market Share by Application (2021-2032)

Figure 63. South America Ring-type Piezoelectric Actuator Sales Quantity Market Share by Country (2021-2032)

Figure 64. South America Ring-type Piezoelectric Actuator Consumption Value Market Share by Country (2021-2032)

Figure 65. Brazil Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 66. Argentina Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 67. Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity Market Share by Type (2021-2032)

Figure 68. Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity Market Share by Application (2021-2032)

Figure 69. Middle East & Africa Ring-type Piezoelectric Actuator Sales Quantity Market Share by Country (2021-2032)

Figure 70. Middle East & Africa Ring-type Piezoelectric Actuator Consumption Value Market Share by Country (2021-2032)

Figure 71. Turkey Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 72. Egypt Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 73. Saudi Arabia Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 74. South Africa Ring-type Piezoelectric Actuator Consumption Value (2021-2032) & (USD Million)

Figure 75. Ring-type Piezoelectric Actuator Market Drivers

Figure 76. Ring-type Piezoelectric Actuator Market Restraints

Figure 77. Ring-type Piezoelectric Actuator Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Ring-type Piezoelectric Actuator in 2025

Figure 80. Manufacturing Process Analysis of Ring-type Piezoelectric Actuator

Figure 81. Ring-type Piezoelectric Actuator Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

I would like to order

Product name: Global Ring-type Piezoelectric Actuator Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/RF7930A18F62EN.html>

Price: US\$ 3,480.00 (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/RF7930A18F62EN.html>