



## Pressure-resistant Sensor Industry Research Report 2026

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Electronics & Semiconductor	2026-01-30	146	PDF
<b>Single User</b>	<b>Multi User</b>	<b>Enterprise</b>	
<b>USD 2,950</b>	<b>USD 4,430</b>	<b>USD 5,900</b>	

### Description

The global Pressure-resistant Sensor market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Pressure-resistant Sensor is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Pressure-resistant Sensor is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Pressure-resistant Sensor is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Pressure-resistant Sensor include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

### Report Scope

This report quantifies the global Pressure-resistant Sensor market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Pressure-resistant Sensor.

### Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Pressure-resistant Sensor Market by Company

ifm electronic

Hans Turck

di-soric

Baumer Electric

Pepperl+Fuchs  
Micro Detectors  
Sensirion  
SENSONG  
XECRO  
Contrinex  
Defuro Industrial Electronics  
Lanbao  
LEVEX  
Messotron  
MELA Sensortechnik  
Elco  
Balluff  
Broadporte(Althen)  
Honeywell  
TE Connectivity  
Sensata Technologies  
Dynisco  
WIKA  
Ashcroft  
OMEGA Engineering

#### **Pressure-resistant Sensor Segment by Type**

Below 100 bar  
100 to 200 bar  
Above 200 bar

#### **Pressure-resistant Sensor Segment by Application**

Aerospace  
Automotive  
Industrial Manufacturing  
Others

#### **Pressure-resistant Sensor Segment by Region**

North America  
United States  
Canada  
Mexico  
Europe  
Germany  
France  
U.K.  
Italy  
Russia  
Spain  
Netherlands  
Switzerland  
Sweden  
Poland

Asia-Pacific  
China  
Japan  
South Korea  
India  
Australia  
Taiwan  
Southeast Asia  
South America  
Brazil  
Argentina  
Chile  
Middle East & Africa  
Egypt  
South Africa  
Israel  
Türkiye  
GCC Countries

### **Key Drivers & Barriers**

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### **Reasons to Buy This Report**

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Pressure-resistant Sensor market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Pressure-resistant Sensor and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Pressure-resistant Sensor.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

### **Chapter Outline**

#### **Chapter 1:**

Research objectives, research methods, data sources, data cross-validation;

#### **Chapter 2:**

Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

### **Chapter 3:**

Detailed analysis of Pressure-resistant Sensor manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

### **Chapter 4:**

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

### **Chapter 5:**

Production/output, value of Pressure-resistant Sensor by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

### **Chapter 6:**

Consumption of Pressure-resistant Sensor in regional level and country level. It 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 production of each country in the world.

### **Chapter 7:**

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

### **Chapter 8:**

Provides the analysis of various market segments by 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 9:**

Analysis of industrial chain, including the upstream and downstream of the industry.

### **Chapter 10:**

Introduces the market dynamics, 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 11:**

The main points and conclusions of the report.

# Table of Contents

---

## 1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

---

## 2 Market Overview

- 2.1 Product Definition
- 2.2 Pressure-resistant Sensor by Type
  - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.2.2 Below 100 bar
  - 2.2.3 100 to 200 bar
  - 2.2.4 Above 200 bar
- 2.3 Pressure-resistant Sensor by Application
  - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.3.2 Aerospace
  - 2.3.3 Automotive
  - 2.3.4 Industrial Manufacturing
  - 2.3.5 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Pressure-resistant Sensor Production Value Estimates and Forecasts (2021-2032)
  - 2.4.2 Global Pressure-resistant Sensor Production Capacity Estimates and Forecasts (2021-2032)
  - 2.4.3 Global Pressure-resistant Sensor Production Estimates and Forecasts (2021-2032)
  - 2.4.4 Global Pressure-resistant Sensor Market Average Price (2021-2032)

---

## 3 Market Competitive Landscape by Manufacturers

- 3.1 Global Pressure-resistant Sensor Production by Manufacturers (2021-2026)
- 3.2 Global Pressure-resistant Sensor Production Value by Manufacturers (2021-2026)
- 3.3 Global Pressure-resistant Sensor Average Price by Manufacturers (2021-2026)
- 3.4 Global Pressure-resistant Sensor Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Pressure-resistant Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Pressure-resistant Sensor Manufacturers, Product Type & Application
- 3.7 Global Pressure-resistant Sensor Manufacturers Established Date
- 3.8 Global Pressure-resistant Sensor Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

---

## 4 Manufacturers Profiled

- 4.1 ifm electronic
  - 4.1.1 ifm electronic Pressure-resistant Sensor Company Information
  - 4.1.2 ifm electronic Pressure-resistant Sensor Business Overview
  - 4.1.3 ifm electronic Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)
  - 4.1.4 ifm electronic Product Portfolio
  - 4.1.5 ifm electronic Recent Developments

## 4.2 Hans Turck

4.2.1 Hans Turck Pressure-resistant Sensor Company Information

4.2.2 Hans Turck Pressure-resistant Sensor Business Overview

4.2.3 Hans Turck Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.2.4 Hans Turck Product Portfolio

4.2.5 Hans Turck Recent Developments

## 4.3 di-soric

4.3.1 di-soric Pressure-resistant Sensor Company Information

4.3.2 di-soric Pressure-resistant Sensor Business Overview

4.3.3 di-soric Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.3.4 di-soric Product Portfolio

4.3.5 di-soric Recent Developments

## 4.4 Baumer Electric

4.4.1 Baumer Electric Pressure-resistant Sensor Company Information

4.4.2 Baumer Electric Pressure-resistant Sensor Business Overview

4.4.3 Baumer Electric Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.4.4 Baumer Electric Product Portfolio

4.4.5 Baumer Electric Recent Developments

## 4.5 Pepperl+Fuchs

4.5.1 Pepperl+Fuchs Pressure-resistant Sensor Company Information

4.5.2 Pepperl+Fuchs Pressure-resistant Sensor Business Overview

4.5.3 Pepperl+Fuchs Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.5.4 Pepperl+Fuchs Product Portfolio

4.5.5 Pepperl+Fuchs Recent Developments

## 4.6 Micro Detectors

4.6.1 Micro Detectors Pressure-resistant Sensor Company Information

4.6.2 Micro Detectors Pressure-resistant Sensor Business Overview

4.6.3 Micro Detectors Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.6.4 Micro Detectors Product Portfolio

4.6.5 Micro Detectors Recent Developments

## 4.7 Sensirion

4.7.1 Sensirion Pressure-resistant Sensor Company Information

4.7.2 Sensirion Pressure-resistant Sensor Business Overview

4.7.3 Sensirion Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.7.4 Sensirion Product Portfolio

4.7.5 Sensirion Recent Developments

## 4.8 SENSONG

4.8.1 SENSONG Pressure-resistant Sensor Company Information

4.8.2 SENSONG Pressure-resistant Sensor Business Overview

4.8.3 SENSONG Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.8.4 SENSONG Product Portfolio

4.8.5 SENSONG Recent Developments

## 4.9 XECRO

4.9.1 XECRO Pressure-resistant Sensor Company Information

4.9.2 XECRO Pressure-resistant Sensor Business Overview

4.9.3 XECRO Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.9.4 XECRO Product Portfolio

4.9.5 XECRO Recent Developments

#### 4.10 Contrinex

4.10.1 Contrinex Pressure-resistant Sensor Company Information

4.10.2 Contrinex Pressure-resistant Sensor Business Overview

4.10.3 Contrinex Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.10.4 Contrinex Product Portfolio

4.10.5 Contrinex Recent Developments

#### 4.11 Defuro Industrial Electronics

4.11.1 Defuro Industrial Electronics Pressure-resistant Sensor Company Information

4.11.2 Defuro Industrial Electronics Pressure-resistant Sensor Business Overview

4.11.3 Defuro Industrial Electronics Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.11.4 Defuro Industrial Electronics Product Portfolio

4.11.5 Defuro Industrial Electronics Recent Developments

#### 4.12 Lanbao

4.12.1 Lanbao Pressure-resistant Sensor Company Information

4.12.2 Lanbao Pressure-resistant Sensor Business Overview

4.12.3 Lanbao Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.12.4 Lanbao Product Portfolio

4.12.5 Lanbao Recent Developments

#### 4.13 LEVEX

4.13.1 LEVEX Pressure-resistant Sensor Company Information

4.13.2 LEVEX Pressure-resistant Sensor Business Overview

4.13.3 LEVEX Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.13.4 LEVEX Product Portfolio

4.13.5 LEVEX Recent Developments

#### 4.14 Messotron

4.14.1 Messotron Pressure-resistant Sensor Company Information

4.14.2 Messotron Pressure-resistant Sensor Business Overview

4.14.3 Messotron Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.14.4 Messotron Product Portfolio

4.14.5 Messotron Recent Developments

#### 4.15 MELA Sensortechnik

4.15.1 MELA Sensortechnik Pressure-resistant Sensor Company Information

4.15.2 MELA Sensortechnik Pressure-resistant Sensor Business Overview

4.15.3 MELA Sensortechnik Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.15.4 MELA Sensortechnik Product Portfolio

4.15.5 MELA Sensortechnik Recent Developments

#### 4.16 Elco

4.16.1 Elco Pressure-resistant Sensor Company Information

4.16.2 Elco Pressure-resistant Sensor Business Overview

4.16.3 Elco Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.16.4 Elco Product Portfolio

4.16.5 Elco Recent Developments

#### 4.17 Balluff

4.17.1 Balluff Pressure-resistant Sensor Company Information

4.17.2 Balluff Pressure-resistant Sensor Business Overview

4.17.3 Balluff Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.17.4 Balluff Product Portfolio

4.17.5 Balluff Recent Developments

#### 4.18 Broadporte(Althen)

4.18.1 Broadporte(Althen) Pressure-resistant Sensor Company Information

4.18.2 Broadporte(Althen) Pressure-resistant Sensor Business Overview

4.18.3 Broadporte(Althen) Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.18.4 Broadporte(Althen) Product Portfolio

4.18.5 Broadporte(Althen) Recent Developments

#### 4.19 Honeywell

4.19.1 Honeywell Pressure-resistant Sensor Company Information

4.19.2 Honeywell Pressure-resistant Sensor Business Overview

4.19.3 Honeywell Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.19.4 Honeywell Product Portfolio

4.19.5 Honeywell Recent Developments

#### 4.20 TE Connectivity

4.20.1 TE Connectivity Pressure-resistant Sensor Company Information

4.20.2 TE Connectivity Pressure-resistant Sensor Business Overview

4.20.3 TE Connectivity Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.20.4 TE Connectivity Product Portfolio

4.20.5 TE Connectivity Recent Developments

#### 4.21 Sensata Technologies

4.21.1 Sensata Technologies Pressure-resistant Sensor Company Information

4.21.2 Sensata Technologies Pressure-resistant Sensor Business Overview

4.21.3 Sensata Technologies Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.21.4 Sensata Technologies Product Portfolio

4.21.5 Sensata Technologies Recent Developments

#### 4.22 Dynisco

4.22.1 Dynisco Pressure-resistant Sensor Company Information

4.22.2 Dynisco Pressure-resistant Sensor Business Overview

4.22.3 Dynisco Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.22.4 Dynisco Product Portfolio

4.22.5 Dynisco Recent Developments

#### 4.23 WIKA

4.23.1 WIKA Pressure-resistant Sensor Company Information

4.23.2 WIKA Pressure-resistant Sensor Business Overview

4.23.3 WIKA Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.23.4 WIKA Product Portfolio

4.23.5 WIKA Recent Developments

#### 4.24 Ashcroft

4.24.1 Ashcroft Pressure-resistant Sensor Company Information

4.24.2 Ashcroft Pressure-resistant Sensor Business Overview

4.24.3 Ashcroft Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.24.4 Ashcroft Product Portfolio

4.24.5 Ashcroft Recent Developments

#### 4.25 OMEGA Engineering

4.25.1 OMEGA Engineering Pressure-resistant Sensor Company Information

4.25.2 OMEGA Engineering Pressure-resistant Sensor Business Overview

4.25.3 OMEGA Engineering Pressure-resistant Sensor Production, Value and Gross Margin (2021-2026)

4.25.4 OMEGA Engineering Product Portfolio

4.25.5 OMEGA Engineering Recent Developments

---

## 5 Global Pressure-resistant Sensor Production by Region

- 5.1 Global Pressure-resistant Sensor Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
  - 5.2 Global Pressure-resistant Sensor Production by Region: 2021-2032
    - 5.2.1 Global Pressure-resistant Sensor Production by Region: 2021-2026
    - 5.2.2 Global Pressure-resistant Sensor Production Forecast by Region (2027-2032)
  - 5.3 Global Pressure-resistant Sensor Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
  - 5.4 Global Pressure-resistant Sensor Production Value by Region: 2021-2032
    - 5.4.1 Global Pressure-resistant Sensor Production Value by Region: 2021-2026
    - 5.4.2 Global Pressure-resistant Sensor Production Value Forecast by Region (2027-2032)
  - 5.5 Global Pressure-resistant Sensor Market Price Analysis by Region (2021-2026)
  - 5.6 Global Pressure-resistant Sensor Production and Value, YOY Growth
    - 5.6.1 North America Pressure-resistant Sensor Production Value Estimates and Forecasts (2021-2032)
    - 5.6.2 Europe Pressure-resistant Sensor Production Value Estimates and Forecasts (2021-2032)
    - 5.6.3 China Pressure-resistant Sensor Production Value Estimates and Forecasts (2021-2032)
    - 5.6.4 Japan Pressure-resistant Sensor Production Value Estimates and Forecasts (2021-2032)
    - 5.6.5 South Korea Pressure-resistant Sensor Production Value Estimates and Forecasts (2021-2032)
- 

## 6 Global Pressure-resistant Sensor Consumption by Region

- 6.1 Global Pressure-resistant Sensor Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 6.2 Global Pressure-resistant Sensor Consumption by Region (2021-2032)
  - 6.2.1 Global Pressure-resistant Sensor Consumption by Region: 2021-2026
  - 6.2.2 Global Pressure-resistant Sensor Forecasted Consumption by Region (2027-2032)
- 6.3 North America
  - 6.3.1 North America Pressure-resistant Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
  - 6.3.2 North America Pressure-resistant Sensor Consumption by Country (2021-2032)
  - 6.3.3 United States
  - 6.3.4 Canada
  - 6.3.5 Mexico
- 6.4 Europe
  - 6.4.1 Europe Pressure-resistant Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
  - 6.4.2 Europe Pressure-resistant Sensor Consumption by Country (2021-2032)
  - 6.4.3 Germany
  - 6.4.4 France
  - 6.4.5 U.K.
  - 6.4.6 Italy
  - 6.4.7 Russia
  - 6.4.8 Spain
  - 6.4.9 Netherlands
  - 6.4.10 Switzerland
  - 6.4.11 Sweden
  - 6.4.12 Poland
- 6.5 Asia Pacific
  - 6.5.1 Asia Pacific Pressure-resistant Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
  - 6.5.2 Asia Pacific Pressure-resistant Sensor Consumption by Country (2021-2032)
  - 6.5.3 China
  - 6.5.4 Japan
  - 6.5.5 South Korea
  - 6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Pressure-resistant Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Pressure-resistant Sensor Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

---

## 7 Segment by Type

7.1 Global Pressure-resistant Sensor Production by Type (2021-2032)

7.1.1 Global Pressure-resistant Sensor Production by Type (2021-2032) & (k units)

7.1.2 Global Pressure-resistant Sensor Production Market Share by Type (2021-2032)

7.2 Global Pressure-resistant Sensor Production Value by Type (2021-2032)

7.2.1 Global Pressure-resistant Sensor Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Pressure-resistant Sensor Production Value Market Share by Type (2021-2032)

7.3 Global Pressure-resistant Sensor Price by Type (2021-2032)

---

## 8 Segment by Application

8.1 Global Pressure-resistant Sensor Production by Application (2021-2032)

8.1.1 Global Pressure-resistant Sensor Production by Application (2021-2032) & (k units)

8.1.2 Global Pressure-resistant Sensor Production Market Share by Application (2021-2032)

8.2 Global Pressure-resistant Sensor Production Value by Application (2021-2032)

8.2.1 Global Pressure-resistant Sensor Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Pressure-resistant Sensor Production Value Market Share by Application (2021-2032)

8.3 Global Pressure-resistant Sensor Price by Application (2021-2032)

---

## 9 Value Chain and Sales Channels Analysis of the Market

9.1 Pressure-resistant Sensor Value Chain Analysis

9.1.1 Pressure-resistant Sensor Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Pressure-resistant Sensor Production Mode & Process

9.2 Pressure-resistant Sensor Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Pressure-resistant Sensor Distributors

9.2.3 Pressure-resistant Sensor Customers

---

## 10 Global Pressure-resistant Sensor Analyzing Market Dynamics

10.1 Pressure-resistant Sensor Industry Trends

10.2 Pressure-resistant Sensor Industry Drivers

10.3 Pressure-resistant Sensor Industry Opportunities and Challenges

10.4 Pressure-resistant Sensor Industry Restraints

---

## 11 Report Conclusion

---

## 12 Disclaimer

# List of Tables and Figures

---

## List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Pressure-resistant Sensor Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Pressure-resistant Sensor Production Market Share by Manufacturers
- Table 7: Global Pressure-resistant Sensor Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Pressure-resistant Sensor Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Pressure-resistant Sensor Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Pressure-resistant Sensor Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Pressure-resistant Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Pressure-resistant Sensor Manufacturers, Product Type & Application
- Table 13: Global Pressure-resistant Sensor Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Pressure-resistant Sensor by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: ifm electronic Company Information
- Table 18: ifm electronic Business Overview
- Table 19: ifm electronic Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: ifm electronic Pressure-resistant Sensor Product Portfolio
- Table 21: ifm electronic Recent Development
- Table 22: Hans Turck Company Information
- Table 23: Hans Turck Business Overview
- Table 24: Hans Turck Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Hans Turck Pressure-resistant Sensor Product Portfolio
- Table 26: Hans Turck Recent Development
- Table 27: di-soric Company Information
- Table 28: di-soric Business Overview
- Table 29: di-soric Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: di-soric Pressure-resistant Sensor Product Portfolio
- Table 31: di-soric Recent Development
- Table 32: Baumer Electric Company Information
- Table 33: Baumer Electric Business Overview
- Table 34: Baumer Electric Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: Baumer Electric Pressure-resistant Sensor Product Portfolio
- Table 36: Baumer Electric Recent Development
- Table 37: Pepperl+Fuchs Company Information
- Table 38: Pepperl+Fuchs Business Overview
- Table 39: Pepperl+Fuchs Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Pepperl+Fuchs Pressure-resistant Sensor Product Portfolio
- Table 41: Pepperl+Fuchs Recent Development
- Table 42: Micro Detectors Company Information
- Table 43: Micro Detectors Business Overview
- Table 44: Micro Detectors Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Micro Detectors Pressure-resistant Sensor Product Portfolio
- Table 46: Micro Detectors Recent Development
- Table 47: Sensirion Company Information
- Table 48: Sensirion Business Overview

- Table 49: Sensirion Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: Sensirion Pressure-resistant Sensor Product Portfolio
- Table 51: Sensirion Recent Development
- Table 52: SENSONG Company Information
- Table 53: SENSONG Business Overview
- Table 54: SENSONG Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: SENSONG Pressure-resistant Sensor Product Portfolio
- Table 56: SENSONG Recent Development
- Table 57: XECRO Company Information
- Table 58: XECRO Business Overview
- Table 59: XECRO Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: XECRO Pressure-resistant Sensor Product Portfolio
- Table 61: XECRO Recent Development
- Table 62: Contrinex Company Information
- Table 63: Contrinex Business Overview
- Table 64: Contrinex Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: Contrinex Pressure-resistant Sensor Product Portfolio
- Table 66: Contrinex Recent Development
- Table 67: Defuro Industrial Electronics Company Information
- Table 68: Defuro Industrial Electronics Business Overview
- Table 69: Defuro Industrial Electronics Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: Defuro Industrial Electronics Pressure-resistant Sensor Product Portfolio
- Table 71: Defuro Industrial Electronics Recent Development
- Table 72: Lanbao Company Information
- Table 73: Lanbao Business Overview
- Table 74: Lanbao Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Lanbao Pressure-resistant Sensor Product Portfolio
- Table 76: Lanbao Recent Development
- Table 77: LEVEX Company Information
- Table 78: LEVEX Business Overview
- Table 79: LEVEX Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: LEVEX Pressure-resistant Sensor Product Portfolio
- Table 81: LEVEX Recent Development
- Table 82: Messotron Company Information
- Table 83: Messotron Business Overview
- Table 84: Messotron Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: Messotron Pressure-resistant Sensor Product Portfolio
- Table 86: Messotron Recent Development
- Table 87: MELA Sensortechnik Company Information
- Table 88: MELA Sensortechnik Business Overview
- Table 89: MELA Sensortechnik Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 90: MELA Sensortechnik Pressure-resistant Sensor Product Portfolio
- Table 91: MELA Sensortechnik Recent Development
- Table 92: Elco Company Information
- Table 93: Elco Business Overview
- Table 94: Elco Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 95: Elco Pressure-resistant Sensor Product Portfolio
- Table 96: Elco Recent Development
- Table 97: Balluff Company Information
- Table 98: Balluff Business Overview
- Table 99: Balluff Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 100: Balluff Pressure-resistant Sensor Product Portfolio
- Table 101: Balluff Recent Development
- Table 102: Broadporte(Althen) Company Information

- Table 103: Broadporte(Althen) Business Overview
- Table 104: Broadporte(Althen) Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 105: Broadporte(Althen) Pressure-resistant Sensor Product Portfolio
- Table 106: Broadporte(Althen) Recent Development
- Table 107: Honeywell Company Information
- Table 108: Honeywell Business Overview
- Table 109: Honeywell Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 110: Honeywell Pressure-resistant Sensor Product Portfolio
- Table 111: Honeywell Recent Development
- Table 112: TE Connectivity Company Information
- Table 113: TE Connectivity Business Overview
- Table 114: TE Connectivity Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 115: TE Connectivity Pressure-resistant Sensor Product Portfolio
- Table 116: TE Connectivity Recent Development
- Table 117: Sensata Technologies Company Information
- Table 118: Sensata Technologies Business Overview
- Table 119: Sensata Technologies Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 120: Sensata Technologies Pressure-resistant Sensor Product Portfolio
- Table 121: Sensata Technologies Recent Development
- Table 122: Dynisco Company Information
- Table 123: Dynisco Business Overview
- Table 124: Dynisco Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 125: Dynisco Pressure-resistant Sensor Product Portfolio
- Table 126: Dynisco Recent Development
- Table 127: WIKA Company Information
- Table 128: WIKA Business Overview
- Table 129: WIKA Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 130: WIKA Pressure-resistant Sensor Product Portfolio
- Table 131: WIKA Recent Development
- Table 132: Ashcroft Company Information
- Table 133: Ashcroft Business Overview
- Table 134: Ashcroft Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 135: Ashcroft Pressure-resistant Sensor Product Portfolio
- Table 136: Ashcroft Recent Development
- Table 137: OMEGA Engineering Company Information
- Table 138: OMEGA Engineering Business Overview
- Table 139: OMEGA Engineering Pressure-resistant Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 140: OMEGA Engineering Pressure-resistant Sensor Product Portfolio
- Table 141: OMEGA Engineering Recent Development
- Table 142: Global Pressure-resistant Sensor Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 143: Global Pressure-resistant Sensor Production by Region (2021-2026) & (k units)
- Table 144: Global Pressure-resistant Sensor Production Market Share by Region (2021-2026)
- Table 145: Global Pressure-resistant Sensor Production Forecast by Region (2027-2032) & (k units)
- Table 146: Global Pressure-resistant Sensor Production Market Share Forecast by Region (2027-2032)
- Table 147: Global Pressure-resistant Sensor Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 148: Global Pressure-resistant Sensor Production Value by Region (2021-2026) & (US\$ Million)
- Table 149: Global Pressure-resistant Sensor Production Value Market Share by Region (2021-2026)
- Table 150: Global Pressure-resistant Sensor Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 151: Global Pressure-resistant Sensor Market Average Price (USD/unit) by Region (2021-2026)
- Table 152: Global Pressure-resistant Sensor Market Average Price (USD/unit) by Region (2027-2032)
- Table 153: Global Pressure-resistant Sensor Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 154: Global Pressure-resistant Sensor Consumption by Region (2021-2026) & (k units)
- Table 155: Global Pressure-resistant Sensor Consumption Market Share by Region (2021-2026)
- Table 156: Global Pressure-resistant Sensor Forecasted Consumption by Region (2027-2032) & (k units)
- Table 157: Global Pressure-resistant Sensor Forecasted Consumption Market Share by Region (2027-2032)
- Table 158: North America Pressure-resistant Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 159: North America Pressure-resistant Sensor Consumption by Country (2021-2026) & (k units)

- Table 160: North America Pressure-resistant Sensor Consumption by Country (2027-2032) & (k units)
- Table 161: Europe Pressure-resistant Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 162: Europe Pressure-resistant Sensor Consumption by Country (2021-2026) & (k units)
- Table 163: Europe Pressure-resistant Sensor Consumption by Country (2027-2032) & (k units)
- Table 164: Asia Pacific Pressure-resistant Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 165: Asia Pacific Pressure-resistant Sensor Consumption by Country (2021-2026) & (k units)
- Table 166: Asia Pacific Pressure-resistant Sensor Consumption by Country (2027-2032) & (k units)
- Table 167: South America, Middle East & Africa Pressure-resistant Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 168: South America, Middle East & Africa Pressure-resistant Sensor Consumption by Country (2021-2026) & (k units)
- Table 169: South America, Middle East & Africa Pressure-resistant Sensor Consumption by Country (2027-2032) & (k units)
- Table 170: Global Pressure-resistant Sensor Production by Type (2021-2026) & (k units)
- Table 171: Global Pressure-resistant Sensor Production by Type (2027-2032) & (k units)
- Table 172: Global Pressure-resistant Sensor Production Market Share by Type (2021-2026)
- Table 173: Global Pressure-resistant Sensor Production Market Share by Type (2027-2032)
- Table 174: Global Pressure-resistant Sensor Production Value by Type (2021-2026) & (US\$ Million)
- Table 175: Global Pressure-resistant Sensor Production Value by Type (2027-2032) & (US\$ Million)
- Table 176: Global Pressure-resistant Sensor Production Value Market Share by Type (2021-2026)
- Table 177: Global Pressure-resistant Sensor Production Value Market Share by Type (2027-2032)
- Table 178: Global Pressure-resistant Sensor Price by Type (2021-2026) & (USD/unit)
- Table 179: Global Pressure-resistant Sensor Price by Type (2027-2032) & (USD/unit)
- Table 180: Global Pressure-resistant Sensor Production by Application (2021-2026) & (k units)
- Table 181: Global Pressure-resistant Sensor Production by Application (2027-2032) & (k units)
- Table 182: Global Pressure-resistant Sensor Production Market Share by Application (2021-2026)
- Table 183: Global Pressure-resistant Sensor Production Market Share by Application (2027-2032)
- Table 184: Global Pressure-resistant Sensor Production Value by Application (2021-2026) & (US\$ Million)
- Table 185: Global Pressure-resistant Sensor Production Value by Application (2027-2032) & (US\$ Million)
- Table 186: Global Pressure-resistant Sensor Production Value Market Share by Application (2021-2026)
- Table 187: Global Pressure-resistant Sensor Production Value Market Share by Application (2027-2032)
- Table 188: Global Pressure-resistant Sensor Price by Application (2021-2026) & (USD/unit)
- Table 189: Global Pressure-resistant Sensor Price by Application (2027-2032) & (USD/unit)
- Table 190: Key Raw Materials
- Table 191: Raw Materials Key Suppliers
- Table 192: Pressure-resistant Sensor Distributors List
- Table 193: Pressure-resistant Sensor Customers List
- Table 194: Pressure-resistant Sensor Industry Trends
- Table 195: Pressure-resistant Sensor Industry Drivers
- Table 196: Pressure-resistant Sensor Industry Restraints
- Table 197: Authors List of This Report

## List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Pressure-resistant Sensor Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Below 100 bar Product Image
- Figure 7: 100 to 200 bar Product Image
- Figure 8: Above 200 bar Product Image
- Figure 9: Aerospace Product Image
- Figure 10: Automotive Product Image
- Figure 11: Industrial Manufacturing Product Image
- Figure 12: Others Product Image
- Figure 13: Global Pressure-resistant Sensor Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 14: Global Pressure-resistant Sensor Production Value (2021-2032) & (US\$ Million)
- Figure 15: Global Pressure-resistant Sensor Production Capacity (2021-2032) & (k units)
- Figure 16: Global Pressure-resistant Sensor Production (2021-2032) & (k units)
- Figure 17: Global Pressure-resistant Sensor Average Price (USD/unit) & (2021-2032)
- Figure 18: Global Pressure-resistant Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 19: Global Top 5 and 10 Pressure-resistant Sensor Players Market Share by Production Value in 2025
- Figure 20: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 21: Global Pressure-resistant Sensor Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 22: Global Pressure-resistant Sensor Production Market Share by Region: 2021 VS 2025 VS 2032

- Figure 23: Global Pressure-resistant Sensor Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 24: Global Pressure-resistant Sensor Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: North America Pressure-resistant Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: Europe Pressure-resistant Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: China Pressure-resistant Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Japan Pressure-resistant Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: South Korea Pressure-resistant Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Global Pressure-resistant Sensor Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 31: Global Pressure-resistant Sensor Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 32: North America Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 33: North America Pressure-resistant Sensor Consumption Market Share by Country (2021-2032)
- Figure 34: United States Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: United States Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 36: Canada Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: Mexico Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Europe Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: Europe Pressure-resistant Sensor Consumption Market Share by Country (2021-2032)
- Figure 40: Germany Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: France Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: U.K. Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Italy Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Russia Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Spain Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Netherlands Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Switzerland Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Sweden Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Poland Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Asia Pacific Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Asia Pacific Pressure-resistant Sensor Consumption Market Share by Country (2021-2032)
- Figure 52: China Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: Japan Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: South Korea Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: India Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Australia Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Taiwan Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: Southeast Asia Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: South America, Middle East & Africa Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: South America, Middle East & Africa Pressure-resistant Sensor Consumption Market Share by Country (2021-2032)
- Figure 61: Brazil Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Argentina Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: Chile Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: Turkey Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: GCC Countries Pressure-resistant Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: Global Pressure-resistant Sensor Production Market Share by Type (2021-2032)
- Figure 67: Global Pressure-resistant Sensor Production Value Market Share by Type (2021-2032)
- Figure 68: Global Pressure-resistant Sensor Price (USD/unit) by Type (2021-2032)
- Figure 69: Global Pressure-resistant Sensor Production Market Share by Application (2021-2032)
- Figure 70: Global Pressure-resistant Sensor Production Value Market Share by Application (2021-2032)
- Figure 71: Global Pressure-resistant Sensor Price (USD/unit) by Application (2021-2032)
- Figure 72: Pressure-resistant Sensor Value Chain
- Figure 73: Pressure-resistant Sensor Production Mode & Process
- Figure 74: Direct Comparison with Distribution Share
- Figure 75: Distributors Profiles
- Figure 76: Pressure-resistant Sensor Industry Opportunities and Challenges