+44 20 8123 2220
info@marketpublishers.com

Pressure Sensor Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

https://marketpublishers.com/r/P3F4F175A17BEN.html
Date: November 2023
Pages: 139
Price: US$ 2,499.00 (Single User License)
ID: P3F4F175A17BEN

Abstracts

The global pressure sensor market size reached US$ 14.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US$ 25.8 Billion by 2028, exhibiting a growth rate (CAGR) of 9.7% during 2022-2028.
A pressure sensor is an instrument used to sense the pressure applied on gases or liquids and convert it into a small electrical output signal. The sensor relies on different technologies to provide accurate results, including integrated strain gauges to detect strain, and pressure-sensitive elements, cavities, and diaphragms for producing a variable capacitor. It finds extensive applications in steam systems that are employed in manufacturing facilities worldwide. It is also utilized as a level sensor in many industrial processes. Moreover, as it can be integrated with consumer electronics like alarm systems, water level appliances, and coffee machines, its demand is escalating around the world.
The rising cases of coronavirus disease (COVID-19) globally represent one of the largest factors bolstering the need for pressure sensors in medical breathing apparatus to monitor oxygen levels. Apart from this, the emerging automation trend in manufacturing processes is influencing the adoption of pressure sensors in robotics and industrial hydraulics. Moreover, inflating disposable incomes and rapid urbanization are catalyzing the demand for household electronics, such as refrigeration systems, washing machines, and televisions, which employ these sensors. This, along with the growing shift towards home automation, is contributing to the market growth. As these sensors can be utilized in electric vehicles (EVs) for monitoring the pressure of gearboxes and oils, the increasing sales of EVs worldwide are also driving the market. Furthermore, the leading players are developing next-generation products, which are anticipated to expand the usage of pressure sensors for off-road construction, the Internet of Things (IoT) systems, and agricultural applications.

+44 20 8123 2220
info@marketpublishers.com

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global pressure sensor market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, type, technology and application.

Breakup by Product:

Absolute Pressure Sensors
Differential Pressure Sensors
Gauge Pressure Sensors

Breakup by Type:

Wired
Wireless

Breakup by Technology:

Piezoresistive
Electromagnetic
Capacitive
Resonant Solid-State
Optical
Others

Breakup by Application:

Automotive
Oil and Gas
Electronics
Medical
Industrial
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe

+44 20 8123 2220
info@marketpublishers.com

Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa
Competitive Landscape:
The competitive landscape of the industry has also been examined along with the profiles of the key players being ABB Ltd, All Sensors Corporation (Amphenol), Bosch Sensortec GmbH (Robert Bosch GmbH), Endress+Hauser Group Services AG, Honeywell International Inc., Infineon Technologies AG, Kistler Group (Kistler Holding AG), NXP Semiconductors N.V, Rockwell Automation Inc., Sensata Technologies Inc., Siemens AG and Texas Instruments Incorporated.
Key Questions Answered in This Report:
How has the global pressure sensor market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global pressure sensor market?
What are the key regional markets?
What is the breakup of the market based on the product?
What is the breakup of the market based on the type?
What is the breakup of the market based on the technology?
What is the breakup of the market based on the application?
What are the various stages in the value chain of the industry?
What are the key driving factors and challenges in the industry?
What is the structure of the global pressure sensor market and who are the key players?
What is the degree of competition in the industry?

+44 20 8123 2220
info@marketpublishers.com

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

2.1 Objectives of the Study
2.2 Stakeholders
2.3 Data Sources
  2.3.1 Primary Sources
  2.3.2 Secondary Sources
2.4 Market Estimation
  2.4.1 Bottom-Up Approach
  2.4.2 Top-Down Approach
2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

4.1 Overview
4.2 Key Industry Trends

5 GLOBAL PRESSURE SENSOR MARKET

5.1 Market Overview
5.2 Market Performance
5.3 Impact of COVID-19
5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

6.1 Absolute Pressure Sensors
  6.1.1 Market Trends
  6.1.2 Market Forecast
6.2 Differential Pressure Sensors
  6.2.1 Market Trends

+44 20 8123 2220
info@marketpublishers.com

6.2.2 Market Forecast
6.3 Gauge Pressure Sensors
6.3.1 Market Trends
6.3.2 Market Forecast

7 MARKET BREAKUP BY TYPE

7.1 Wired
7.1.1 Market Trends
7.1.2 Market Forecast
7.2 Wireless
7.2.1 Market Trends
7.2.2 Market Forecast

8 MARKET BREAKUP BY TECHNOLOGY

8.1 Piezoresistive
8.1.1 Market Trends
8.1.2 Market Forecast
8.2 Electromagnetic
8.2.1 Market Trends
8.2.2 Market Forecast
8.3 Capacitive
8.3.1 Market Trends
8.3.2 Market Forecast
8.4 Resonant Solid-State
8.4.1 Market Trends
8.4.2 Market Forecast
8.5 Optical
8.5.1 Market Trends
8.5.2 Market Forecast
8.6 Others
8.6.1 Market Trends
8.6.2 Market Forecast

9 MARKET BREAKUP BY APPLICATION

9.1 Automotive
9.1.1 Market Trends

+44 20 8123 2220
info@marketpublishers.com

9.1.2 Market Forecast
9.2 Oil and Gas
9.2.1 Market Trends
9.2.2 Market Forecast
9.3 Electronics
9.3.1 Market Trends
9.3.2 Market Forecast
9.4 Medical
9.4.1 Market Trends
9.4.2 Market Forecast
9.5 Industrial
9.5.1 Market Trends
9.5.2 Market Forecast
9.6 Others
9.6.1 Market Trends
9.6.2 Market Forecast

10 MARKET BREAKUP BY REGION

10.1 North America
10.1.1 United States
10.1.1.1 Market Trends
10.1.1.2 Market Forecast
10.1.2 Canada
10.1.2.1 Market Trends
10.1.2.2 Market Forecast
10.2 Asia-Pacific
10.2.1 China
10.2.1.1 Market Trends
10.2.1.2 Market Forecast
10.2.2 Japan
10.2.2.1 Market Trends
10.2.2.2 Market Forecast
10.2.3 India
10.2.3.1 Market Trends
10.2.3.2 Market Forecast
10.2.4 South Korea
10.2.4.1 Market Trends
10.2.4.2 Market Forecast

+44 20 8123 2220
info@marketpublishers.com

10.2.5 Australia
10.2.5.1 Market Trends
10.2.5.2 Market Forecast
10.2.6 Indonesia
10.2.6.1 Market Trends
10.2.6.2 Market Forecast
10.2.7 Others
10.2.7.1 Market Trends
10.2.7.2 Market Forecast
10.3 Europe
10.3.1 Germany
10.3.1.1 Market Trends
10.3.1.2 Market Forecast
10.3.2 France
10.3.2.1 Market Trends
10.3.2.2 Market Forecast
10.3.3 United Kingdom
10.3.3.1 Market Trends
10.3.3.2 Market Forecast
10.3.4 Italy
10.3.4.1 Market Trends
10.3.4.2 Market Forecast
10.3.5 Spain
10.3.5.1 Market Trends
10.3.5.2 Market Forecast
10.3.6 Russia
10.3.6.1 Market Trends
10.3.6.2 Market Forecast
10.3.7 Others
10.3.7.1 Market Trends
10.3.7.2 Market Forecast
10.4 Latin America
10.4.1 Brazil
10.4.1.1 Market Trends
10.4.1.2 Market Forecast
10.4.2 Mexico
10.4.2.1 Market Trends
10.4.2.2 Market Forecast
10.4.3 Others

+44 20 8123 2220
info@marketpublishers.com

10.4.3.1 Market Trends
10.4.3.2 Market Forecast
10.5 Middle East and Africa
10.5.1 Market Trends
10.5.2 Market Breakup by Country
10.5.3 Market Forecast

11 SWOT ANALYSIS

11.1 Overview
11.2 Strengths
11.3 Weaknesses
11.4 Opportunities
11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

13.1 Overview
13.2 Bargaining Power of Buyers
13.3 Bargaining Power of Suppliers
13.4 Degree of Competition
13.5 Threat of New Entrants
13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

15.1 Market Structure
15.2 Key Players
15.3 Profiles of Key Players
15.3.1 ABB Ltd
15.3.1.1 Company Overview
15.3.1.2 Product Portfolio
15.3.1.3 Financials

+44 20 8123 2220
info@marketpublishers.com

15.3.1.4 SWOT Analysis
15.3.2 All Sensors Corporation (Amphenol)
15.3.2.1 Company Overview
15.3.2.2 Product Portfolio
15.3.3 Bosch Sensortec GmbH (Robert Bosch GmbH)
15.3.3.1 Company Overview
15.3.3.2 Product Portfolio
15.3.4 Endress+Hauser Group Services AG
15.3.4.1 Company Overview
15.3.4.2 Product Portfolio
15.3.4.3 Financials
15.3.5 Honeywell International Inc.
15.3.5.1 Company Overview
15.3.5.2 Product Portfolio
15.3.5.3 Financials
15.3.5.4 SWOT Analysis
15.3.6 Infineon Technologies AG
15.3.6.1 Company Overview
15.3.6.2 Product Portfolio
15.3.6.3 Financials
15.3.6.4 SWOT Analysis
15.3.7 Kistler Group (Kistler Holding AG)
15.3.7.1 Company Overview
15.3.7.2 Product Portfolio
15.3.8 NXP Semiconductors N.V
15.3.8.1 Company Overview
15.3.8.2 Product Portfolio
15.3.8.3 Financials
15.3.8.4 SWOT Analysis
15.3.9 Rockwell Automation Inc.
15.3.9.1 Company Overview
15.3.9.2 Product Portfolio
15.3.9.3 Financials
15.3.9.4 SWOT Analysis
15.3.10 Sensata Technologies Inc.
15.3.10.1 Company Overview
15.3.10.2 Product Portfolio
15.3.11 Siemens AG
15.3.11.1 Company Overview

+44 20 8123 2220
info@marketpublishers.com

15.3.11.2 Product Portfolio
15.3.11.3 Financials
15.3.11.4 SWOT Analysis
15.3.12 Texas Instruments Incorporated
15.3.12.1 Company Overview
15.3.12.2 Product Portfolio
15.3.12.3 Financials
15.3.12.4 SWOT Analysis

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1: Global: Pressure Sensor Market: Key Industry Highlights, 2022 and 2028
Table 2: Global: Pressure Sensor Market Forecast: Breakup by Product (in Million US$), 2023-2028
Table 3: Global: Pressure Sensor Market Forecast: Breakup by Type (in Million US$), 2023-2028
Table 4: Global: Pressure Sensor Market Forecast: Breakup by Technology (in Million US$), 2023-2028
Table 5: Global: Pressure Sensor Market Forecast: Breakup by Application (in Million US$), 2023-2028
Table 6: Global: Pressure Sensor Market Forecast: Breakup by Region (in Million US$), 2023-2028
Table 7: Global: Pressure Sensor Market: Competitive Structure
Table 8: Global: Pressure Sensor Market: Key Players

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1: Global: Pressure Sensor Market: Major Drivers and Challenges
Figure 2: Global: Pressure Sensor Market: Sales Value (in Billion US$), 2017-2022
Figure 3: Global: Pressure Sensor Market Forecast: Sales Value (in Billion US$), 2023-2028
Figure 4: Global: Pressure Sensor Market: Breakup by Product (in %), 2022
Figure 5: Global: Pressure Sensor Market: Breakup by Type (in %), 2022
Figure 6: Global: Pressure Sensor Market: Breakup by Technology (in %), 2022
Figure 7: Global: Pressure Sensor Market: Breakup by Application (in %), 2022
Figure 8: Global: Pressure Sensor Market: Breakup by Region (in %), 2022
Figure 9: Global: Pressure Sensor (Absolute Pressure Sensors) Market: Sales Value (in Million US$), 2017 & 2022
Figure 10: Global: Pressure Sensor (Absolute Pressure Sensors) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 11: Global: Pressure Sensor (Differential Pressure Sensors) Market: Sales Value (in Million US$), 2017 & 2022
Figure 12: Global: Pressure Sensor (Differential Pressure Sensors) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 13: Global: Pressure Sensor (Gauge Pressure Sensors) Market: Sales Value (in Million US$), 2017 & 2022
Figure 14: Global: Pressure Sensor (Gauge Pressure Sensors) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 15: Global: Pressure Sensor (Wired) Market: Sales Value (in Million US$), 2017 & 2022
Figure 16: Global: Pressure Sensor (Wired) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 17: Global: Pressure Sensor (Wireless) Market: Sales Value (in Million US$), 2017 & 2022
Figure 18: Global: Pressure Sensor (Wireless) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 19: Global: Pressure Sensor (Piezoresistive) Market: Sales Value (in Million US$), 2017 & 2022
Figure 20: Global: Pressure Sensor (Piezoresistive) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 21: Global: Pressure Sensor (Electromagnetic) Market: Sales Value (in Million US$), 2017 & 2022

+44 20 8123 2220
info@marketpublishers.com

Figure 22: Global: Pressure Sensor (Electromagnetic) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 23: Global: Pressure Sensor (Capacitive) Market: Sales Value (in Million US$), 2017 & 2022
Figure 24: Global: Pressure Sensor (Capacitive) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 25: Global: Pressure Sensor (Resonant Solid-State) Market: Sales Value (in Million US$), 2017 & 2022
Figure 26: Global: Pressure Sensor (Resonant Solid-State) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 27: Global: Pressure Sensor (Optical) Market: Sales Value (in Million US$), 2017 & 2022
Figure 28: Global: Pressure Sensor (Optical) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 29: Global: Pressure Sensor (Other Technologies) Market: Sales Value (in Million US$), 2017 & 2022
Figure 30: Global: Pressure Sensor (Other Technologies) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 31: Global: Pressure Sensor (Automotive) Market: Sales Value (in Million US$), 2017 & 2022
Figure 32: Global: Pressure Sensor (Automotive) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 33: Global: Pressure Sensor (Oil and Gas) Market: Sales Value (in Million US$), 2017 & 2022
Figure 34: Global: Pressure Sensor (Oil and Gas) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 35: Global: Pressure Sensor (Electronics) Market: Sales Value (in Million US$), 2017 & 2022
Figure 36: Global: Pressure Sensor (Electronics) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 37: Global: Pressure Sensor (Medical) Market: Sales Value (in Million US$), 2017 & 2022
Figure 38: Global: Pressure Sensor (Medical) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 39: Global: Pressure Sensor (Industrial) Market: Sales Value (in Million US$), 2017 & 2022
Figure 40: Global: Pressure Sensor (Industrial) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 41: Global: Pressure Sensor (Other Applications) Market: Sales Value (in Million

+44 20 8123 2220
info@marketpublishers.com

US$), 2017 & 2022
Figure 42: Global: Pressure Sensor (Other Applications) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 43: North America: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 44: North America: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 45: United States: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 46: United States: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 47: Canada: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 48: Canada: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 49: Asia-Pacific: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 50: Asia-Pacific: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 51: China: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 52: China: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 53: Japan: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 54: Japan: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 55: India: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 56: India: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 57: South Korea: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 58: South Korea: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 59: Australia: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 60: Australia: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 61: Indonesia: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 62: Indonesia: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028

+44 20 8123 2220
info@marketpublishers.com

Figure 63: Others: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 64: Others: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 65: Europe: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 66: Europe: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 67: Germany: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 68: Germany: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 69: France: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 70: France: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 71: United Kingdom: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 72: United Kingdom: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 73: Italy: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 74: Italy: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 75: Spain: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 76: Spain: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 77: Russia: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 78: Russia: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 79: Others: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 80: Others: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 81: Latin America: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 82: Latin America: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 83: Brazil: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 84: Brazil: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 85: Mexico: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 86: Mexico: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028

+44 20 8123 2220
info@marketpublishers.com

Figure 87: Others: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 88: Others: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 89: Middle East and Africa: Pressure Sensor Market: Sales Value (in Million US$), 2017 & 2022
Figure 90: Middle East and Africa: Pressure Sensor Market: Breakup by Country (in %), 2022
Figure 91: Middle East and Africa: Pressure Sensor Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 92: Global: Pressure Sensor Industry: SWOT Analysis
Figure 93: Global: Pressure Sensor Industry: Value Chain Analysis
Figure 94: Global: Pressure Sensor Industry: Porter's Five Forces Analysis

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Pressure Sensor Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: https://marketpublishers.com/r/P3F4F175A17BEN.html

Price: US$ 2,499.00 (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/P3F4F175A17BEN.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

Custumer 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

+44 20 8123 2220
info@marketpublishers.com