

Pressure Transducer Market By Technology (Piezoresistive Strain Gauge, Capacitance, Others), By Pressure Type (Absolute Pressure, Gauge Pressure, Differential Pressure), By End Use (Automotive, Consumer Electronics, Industrial, Healthcare, Oil and Gas, Others): Global Opportunity Analysis and Industry Forecast, 2021-2030

Market Report | 2022-07-01 | 260 pages | Allied Market Research

AVAILABLE LICENSES:

- Cloud Access License \$3456.00
- Business User License \$5730.00
- Enterprise License \$9600.00

Report description:

The global pressure transducer market is envisioned to garner \$19,466.1 million by 2030, growing from \$7,400.7 million in 2021 at a CAGR of 11.29% from 2022 to 2030.

Pressure transducer is a device that transforms pressure into an analogue electrical signal. Pressure transducers are composed of non-toxic materials, and are flexible and small in size. They work effectively in applications where other pressure sensing technologies struggle because of electromagnetic interference as they are resistant to such disturbances. Additionally, these pressure sensors function well in the presence of toxic or explosive substances. Hence they are ideal for oil and gas and medicinal applications.

As a result of improvements in Microelectromechanical systems (MEMS) and Nanoelectromechanical systems (NEMS) technology, the need for pressure transducers has increased rapidly which significantly affects the pressure transducer market share globally. Consumer products such as smart wearable, biomedical applications, wireless & optical communications, and aircraft all use the pressure transducers. Thus, it is expected to drive revenue growth of pressure transducer market.

However, the use of pressure transducers in various industries such as automobiles, consumer electronics, and others tend to increase the cost of products and thus it is expected to hamper revenue growth of pressure transducer market during the forecast period.

Moreover, it is predicted that over the forecast period, rising trends towards Internet of Things (IoT) and a rise in demand for sensors in the construction of smart cities would create profitable opportunities for the expansion of the pressure transducer

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

market. The pressure transducer also has a demand from the gaming and navigation application industry, which will serve as an opportunity for revenue growth of the market in near future. Also, a novel entry of wireless pressure transducers with built-in cellular connection in the pressure transducer market is expected to propel the market growth. Compared to traditional transducers, these gadgets make monitoring temperature and pressure simpler. Cellular pressure transducers are quick and simple to install. Thus, it is serving as a major opportunity for manufacturers in the pressure transducer market.

In 2020, the COVID-19 pandemic breakout and its subsequent spread had a negative effect on the pressure sensors market, leading to a decline in pressure sensor shipments. As a result, revenues dropped, which had a negative impact on the market revenue growth trends. This pattern persisted through the first quarter of 2021. However, the spread and development of Microelectromechanical systems (MEMS) technology, increased demand from the automotive and medical industry, strict governmental regulations, and rising popularity of smartphones and other consumer durables are all factors that are predicted to drive the global pressure sensor market revenue growth post COVID-19 pandemic.

The key players profiled in this report include Panasonic Corporation, Sensata Technologies, Inc, Honeywell International Inc, Validyne Engineering, Robert Bosch GmbH, NXP semiconductors, Setra Systems, Inc. (Fortive), ControlAir, Inc, and Kulite Semiconductor Products Inc.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the pressure transducer market analysis from 2021 to 2030 to identify the prevailing pressure transducer market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the pressure transducer market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global pressure transducer market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Technology

- Piezoresistive Strain Gauge
- Capacitance
- Others

By Pressure Type

- Absolute Pressure
- Gauge Pressure
- Differential Pressure

By End Use

- Automotive
- Consumer Electronics
- Industrial
- Healthcare
- Oil and Gas
- Others

By Region

- North America
- U.S.
- Canada
- Mexico

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Europe
- United Kingdom
- Germany
- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- United Arab Emirates
- South Africa
- Rest of LAMEA
- Key Market Players
- Panasonic Corporation
- sensata technologies, inc.
- ABB Ltd
- Honeywell International Inc
- Validyne Engineering
- Robert Bosch GmbH
- NXP semiconductors
- Setra Systems, Inc. (Fortive)
- ControlAir, Inc.
- Kulite Semiconductor Products Inc.

Table of Contents:

CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key market segments
- 1.3.Key benefits to the stakeholders
- 1.4.Research Methodology
 - 1.4.1.Secondary research
 - 1.4.2.Primary research
 - 1.4.3.Analyst tools and models

CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.Key findings of the study
- 2.2.CXO Perspective

CHAPTER 3:MARKET OVERVIEW

- 3.1.Market definition and scope
- 3.2.Key findings

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3.2.1.Top investment pockets
- 3.3.Porter's five forces analysis
- 3.4.Top player positioning
- 3.5.Market dynamics
 - 3.5.1.Drivers
 - 3.5.2.Restraints
 - 3.5.3.Opportunities
- 3.6.COVID-19 Impact Analysis on the market
- 3.7.Value Chain Analysis
- 3.8.Regulatory Guidelines
- 3.9.Market Share Analysis
- 3.10.Key Regulation Analysis
- 3.11.Patent Landscape

CHAPTER 4: PRESSURE TRANSDUCER MARKET, BY TECHNOLOGY

- 4.1 Overview
 - 4.1.1 Market size and forecast
- 4.2 Piezoresistive Strain Gauge
 - 4.2.1 Key market trends, growth factors and opportunities
 - 4.2.2 Market size and forecast, by region
 - 4.2.3 Market analysis by country
- 4.3 Capacitance
 - 4.3.1 Key market trends, growth factors and opportunities
 - 4.3.2 Market size and forecast, by region
 - 4.3.3 Market analysis by country
- 4.4 Others
 - 4.4.1 Key market trends, growth factors and opportunities
 - 4.4.2 Market size and forecast, by region
 - 4.4.3 Market analysis by country

CHAPTER 5: PRESSURE TRANSDUCER MARKET, BY PRESSURE TYPE

- 5.1 Overview
 - 5.1.1 Market size and forecast
- 5.2 Absolute Pressure
 - 5.2.1 Key market trends, growth factors and opportunities
 - 5.2.2 Market size and forecast, by region
 - 5.2.3 Market analysis by country
- 5.3 Gauge Pressure
 - 5.3.1 Key market trends, growth factors and opportunities
 - 5.3.2 Market size and forecast, by region
 - 5.3.3 Market analysis by country
- 5.4 Differential Pressure
 - 5.4.1 Key market trends, growth factors and opportunities
 - 5.4.2 Market size and forecast, by region
 - 5.4.3 Market analysis by country

CHAPTER 6: PRESSURE TRANSDUCER MARKET, BY END USE

- 6.1 Overview
 - 6.1.1 Market size and forecast
- 6.2 Automotive

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.2.1 Key market trends, growth factors and opportunities
- 6.2.2 Market size and forecast, by region
- 6.2.3 Market analysis by country
- 6.3 Consumer Electronics
- 6.3.1 Key market trends, growth factors and opportunities
- 6.3.2 Market size and forecast, by region
- 6.3.3 Market analysis by country
- 6.4 Industrial
- 6.4.1 Key market trends, growth factors and opportunities
- 6.4.2 Market size and forecast, by region
- 6.4.3 Market analysis by country
- 6.5 Healthcare
- 6.5.1 Key market trends, growth factors and opportunities
- 6.5.2 Market size and forecast, by region
- 6.5.3 Market analysis by country
- 6.6 Oil and Gas
- 6.6.1 Key market trends, growth factors and opportunities
- 6.6.2 Market size and forecast, by region
- 6.6.3 Market analysis by country
- 6.7 Others
- 6.7.1 Key market trends, growth factors and opportunities
- 6.7.2 Market size and forecast, by region
- 6.7.3 Market analysis by country

CHAPTER 7: PRESSURE TRANSDUCER MARKET, BY REGION

- 7.1 Overview
- 7.1.1 Market size and forecast
- 7.2 North America
- 7.2.1 Key trends and opportunities
- 7.2.2 North America Market size and forecast, by Technology
- 7.2.3 North America Market size and forecast, by Pressure Type
- 7.2.4 North America Market size and forecast, by End Use
- 7.2.5 North America Market size and forecast, by country
- 7.2.5.1 U.S.
- 7.2.5.1.1 Market size and forecast, by Technology
- 7.2.5.1.2 Market size and forecast, by Pressure Type
- 7.2.5.1.3 Market size and forecast, by End Use
- 7.2.5.2 Canada
- 7.2.5.2.1 Market size and forecast, by Technology
- 7.2.5.2.2 Market size and forecast, by Pressure Type
- 7.2.5.2.3 Market size and forecast, by End Use
- 7.2.5.3 Mexico
- 7.2.5.3.1 Market size and forecast, by Technology
- 7.2.5.3.2 Market size and forecast, by Pressure Type
- 7.2.5.3.3 Market size and forecast, by End Use
- 7.3 Europe
- 7.3.1 Key trends and opportunities
- 7.3.2 Europe Market size and forecast, by Technology

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.3.3 Europe Market size and forecast, by Pressure Type
- 7.3.4 Europe Market size and forecast, by End Use
- 7.3.5 Europe Market size and forecast, by country
 - 7.3.5.1 United Kingdom
 - 7.3.5.1.1 Market size and forecast, by Technology
 - 7.3.5.1.2 Market size and forecast, by Pressure Type
 - 7.3.5.1.3 Market size and forecast, by End Use
 - 7.3.5.2 Germany
 - 7.3.5.2.1 Market size and forecast, by Technology
 - 7.3.5.2.2 Market size and forecast, by Pressure Type
 - 7.3.5.2.3 Market size and forecast, by End Use
 - 7.3.5.3 France
 - 7.3.5.3.1 Market size and forecast, by Technology
 - 7.3.5.3.2 Market size and forecast, by Pressure Type
 - 7.3.5.3.3 Market size and forecast, by End Use
 - 7.3.5.4 Spain
 - 7.3.5.4.1 Market size and forecast, by Technology
 - 7.3.5.4.2 Market size and forecast, by Pressure Type
 - 7.3.5.4.3 Market size and forecast, by End Use
 - 7.3.5.5 Italy
 - 7.3.5.5.1 Market size and forecast, by Technology
 - 7.3.5.5.2 Market size and forecast, by Pressure Type
 - 7.3.5.5.3 Market size and forecast, by End Use
 - 7.3.5.6 Rest of Europe
 - 7.3.5.6.1 Market size and forecast, by Technology
 - 7.3.5.6.2 Market size and forecast, by Pressure Type
 - 7.3.5.6.3 Market size and forecast, by End Use
- 7.4 Asia-Pacific
 - 7.4.1 Key trends and opportunities
 - 7.4.2 Asia-Pacific Market size and forecast, by Technology
 - 7.4.3 Asia-Pacific Market size and forecast, by Pressure Type
 - 7.4.4 Asia-Pacific Market size and forecast, by End Use
 - 7.4.5 Asia-Pacific Market size and forecast, by country
 - 7.4.5.1 China
 - 7.4.5.1.1 Market size and forecast, by Technology
 - 7.4.5.1.2 Market size and forecast, by Pressure Type
 - 7.4.5.1.3 Market size and forecast, by End Use
 - 7.4.5.2 India
 - 7.4.5.2.1 Market size and forecast, by Technology
 - 7.4.5.2.2 Market size and forecast, by Pressure Type
 - 7.4.5.2.3 Market size and forecast, by End Use
 - 7.4.5.3 Japan
 - 7.4.5.3.1 Market size and forecast, by Technology
 - 7.4.5.3.2 Market size and forecast, by Pressure Type
 - 7.4.5.3.3 Market size and forecast, by End Use
 - 7.4.5.4 South Korea
 - 7.4.5.4.1 Market size and forecast, by Technology

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.4.5.4.2 Market size and forecast, by Pressure Type
- 7.4.5.4.3 Market size and forecast, by End Use
- 7.4.5.5 Australia
 - 7.4.5.5.1 Market size and forecast, by Technology
 - 7.4.5.5.2 Market size and forecast, by Pressure Type
 - 7.4.5.5.3 Market size and forecast, by End Use
- 7.4.5.6 Rest of Asia-Pacific
 - 7.4.5.6.1 Market size and forecast, by Technology
 - 7.4.5.6.2 Market size and forecast, by Pressure Type
 - 7.4.5.6.3 Market size and forecast, by End Use
- 7.5 LAMEA
 - 7.5.1 Key trends and opportunities
 - 7.5.2 LAMEA Market size and forecast, by Technology
 - 7.5.3 LAMEA Market size and forecast, by Pressure Type
 - 7.5.4 LAMEA Market size and forecast, by End Use
 - 7.5.5 LAMEA Market size and forecast, by country
 - 7.5.5.1 Brazil
 - 7.5.5.1.1 Market size and forecast, by Technology
 - 7.5.5.1.2 Market size and forecast, by Pressure Type
 - 7.5.5.1.3 Market size and forecast, by End Use
 - 7.5.5.2 Saudi Arabia
 - 7.5.5.2.1 Market size and forecast, by Technology
 - 7.5.5.2.2 Market size and forecast, by Pressure Type
 - 7.5.5.2.3 Market size and forecast, by End Use
 - 7.5.5.3 United Arab Emirates
 - 7.5.5.3.1 Market size and forecast, by Technology
 - 7.5.5.3.2 Market size and forecast, by Pressure Type
 - 7.5.5.3.3 Market size and forecast, by End Use
 - 7.5.5.4 South Africa
 - 7.5.5.4.1 Market size and forecast, by Technology
 - 7.5.5.4.2 Market size and forecast, by Pressure Type
 - 7.5.5.4.3 Market size and forecast, by End Use
 - 7.5.5.5 Rest of LAMEA
 - 7.5.5.5.1 Market size and forecast, by Technology
 - 7.5.5.5.2 Market size and forecast, by Pressure Type
 - 7.5.5.5.3 Market size and forecast, by End Use

CHAPTER 8: COMPANY LANDSCAPE

- 8.1. Introduction
- 8.2. Top winning strategies
- 8.3. Product Mapping of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Key developments

CHAPTER 9: COMPANY PROFILES

- 9.1 Panasonic Corporation
 - 9.1.1 Company overview
 - 9.1.2 Company snapshot

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.1.3 Operating business segments
- 9.1.4 Product portfolio
- 9.1.5 Business performance
- 9.1.6 Key strategic moves and developments
- 9.2 sensata technologies, inc.
- 9.2.1 Company overview
- 9.2.2 Company snapshot
- 9.2.3 Operating business segments
- 9.2.4 Product portfolio
- 9.2.5 Business performance
- 9.2.6 Key strategic moves and developments
- 9.3 ABB Ltd
- 9.3.1 Company overview
- 9.3.2 Company snapshot
- 9.3.3 Operating business segments
- 9.3.4 Product portfolio
- 9.3.5 Business performance
- 9.3.6 Key strategic moves and developments
- 9.4 Honeywell International Inc
- 9.4.1 Company overview
- 9.4.2 Company snapshot
- 9.4.3 Operating business segments
- 9.4.4 Product portfolio
- 9.4.5 Business performance
- 9.4.6 Key strategic moves and developments
- 9.5 Validyne Engineering
- 9.5.1 Company overview
- 9.5.2 Company snapshot
- 9.5.3 Operating business segments
- 9.5.4 Product portfolio
- 9.5.5 Business performance
- 9.5.6 Key strategic moves and developments
- 9.6 Robert Bosch GmbH
- 9.6.1 Company overview
- 9.6.2 Company snapshot
- 9.6.3 Operating business segments
- 9.6.4 Product portfolio
- 9.6.5 Business performance
- 9.6.6 Key strategic moves and developments
- 9.7 NXP semiconductors
- 9.7.1 Company overview
- 9.7.2 Company snapshot
- 9.7.3 Operating business segments
- 9.7.4 Product portfolio
- 9.7.5 Business performance
- 9.7.6 Key strategic moves and developments
- 9.8 Setra Systems, Inc. (Fortive)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.8.1 Company overview
- 9.8.2 Company snapshot
- 9.8.3 Operating business segments
- 9.8.4 Product portfolio
- 9.8.5 Business performance
- 9.8.6 Key strategic moves and developments
- 9.9 ControlAir, Inc.
- 9.9.1 Company overview
- 9.9.2 Company snapshot
- 9.9.3 Operating business segments
- 9.9.4 Product portfolio
- 9.9.5 Business performance
- 9.9.6 Key strategic moves and developments
- 9.10 Kulite Semiconductor Products Inc.
- 9.10.1 Company overview
- 9.10.2 Company snapshot
- 9.10.3 Operating business segments
- 9.10.4 Product portfolio
- 9.10.5 Business performance
- 9.10.6 Key strategic moves and developments

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Pressure Transducer Market By Technology (Piezoresistive Strain Gauge, Capacitance, Others), By Pressure Type (Absolute Pressure, Gauge Pressure, Differential Pressure), By End Use (Automotive, Consumer Electronics, Industrial, Healthcare, Oil and Gas, Others): Global Opportunity Analysis and Industry Forecast, 2021-2030

Market Report | 2022-07-01 | 260 pages | Allied Market Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Cloud Access License	\$3456.00
	Business User License	\$5730.00
	Enterprise License	\$9600.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-09"/>
		Signature	<input type="text"/>