

Australia's Industrial Pressure Transmitter Market Research Report by Technology (piezoresistive pressure transmitters and thin-film pressure transmitters), by Pressure Range (Low Pressure (100 psi), Medium Pressure (100 psi to 1000 psi) and High Pressure (> 1000 psi)), by Output Signal (Analog (4-20 mA, 0-10 V) and Digital (HART, Modbus, Profibus)), by Installation Type (Flush Diaphragm Transmitters, Threaded Transmitters and Flanged Transmitters), by Application Area (Industrial Process Control, HVAC/R (Heating, Ventilation, Air Conditioning, and Refrigeration), Hydraulics and Pneumatics and Others), by and Industry Vertical (into Oil and Gas, Chemical and Petrochemical, Power Generation, Water And Wastewater, Pharmaceutical And Biotechnology, Food & Beverage, Mining And Metals, Semiconductor and Others) Forecast 2032

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(Flush Diaphragm Transmitters, Threaded Transmitters and Flanged Transmitters), by Application Area (Industrial Process Control, HVAC/R (Heating, Ventilation, Air Conditioning, and Refrigeration), Hydraulics and Pneumatics and Others), by and Industry Vertical (into Oil and Gas, Chemical and Petrochemical, Power Generation, Water And Wastewater, Pharmaceutical And Biotechnology, Food & Beverage, Mining And Metals, Semiconductor and Others) Forecast 2032

Market Overview

The Australia industrial pressure transmitter was valued at USD 57.0 million in 2023 and is anticipated to reach USD 79.7 million by 2032, with a CAGR of 3.4% from 2024 to 2032.

The industrial pressure transmitter is a pressure sensor used for measuring pressure in fluids, liquids, and gases. Pressure transmitters have a variety of applications in both industrial and automotive settings. It is also used to determine the pressures of industrial machinery in order to predict potential failures. Prior to integrated circuit technology, pressure transmitters were only distinguished by their bigger size compared to transducers. The pressure transmitter market is likely to grow in the next years as technology in industrial and household appliances advances. The requirement for maintenance to extend the life of industrial equipment, as well as control operations that require the continuous supply of fluid and pressure control, as well as fluid monitoring, have all contributed to market expansion. Pressure transmitters also have radiation and electromagnetic immunity, which contributes to the expansion of the global market.

Marketing Segmentation

This research report divides the Australian industrial pressure transmitter market into technology, pressure range, output signal, installation type, application area, and industry verticals.

According to technology, the Australian industrial pressure transmitter market is divided into piezoresistive pressure transmitters and thin-film pressure transmitters. The piezoresistive pressure transmitters segment dominated the market in 2023, while the thin-film pressure transmitters segment is predicted to have the greatest CAGR throughout the assessment period.

The Australian industrial pressure transmitter market is divided into three segments based on pressure range: low (100 psi), medium (100 psi to 1000 psi), and high (> 1000 psi).

The Australian industrial pressure transmitter market is divided into two segments based on output signal: analog (4-20 mA, 0-10 V) and digital (HART, Modbus, Profibus).

The Australia industrial pressure transmitter market is divided into three installation types: flush diaphragm transmitters, threaded transmitters, and flanged transmitters.

The Australian industrial pressure transmitter market is divided into four segments based on application: industrial process control, HVAC/R (heating, ventilation, air conditioning, and refrigeration), hydraulics and pneumatics, and others.

The Australian industrial pressure transmitter market is divided into the following industry verticals: oil and gas, chemical and petrochemical, power generation, water and wastewater, pharmaceutical and biotechnology, food and beverage, mining and metals, semiconductor, and others.

Key Players

The report profiles several prominent vendors, including Danfoss, Siemens, ABB, Huba, Jumo, BD sensors, WIKA, Hydac, Gems, and others. ?

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