

# **North America Industrial Sensors Market 2022-2032 by Sensor Type (Level, Pressure, Position, Gas, Image, Magnetic, Others), Category (Contact, Non-contact), Technology (MEMS, CMOS, Optical, NEMS), Industry Vertical (Oil & Gas, Pharmaceuticals, Chemicals, Manufacturing, Automotive, Others), and Country: Trend Forecast and Growth Opportunity**

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## **Abstracts**

North America industrial sensors market is projected to grow by 8.6% annually in the forecast period and reach \$15,133.5 million by 2032, driven by the rising adoption of Industrial 4.0 and IIoT in manufacturing, a surging demand for smart sensor-enabled wearable devices, the increasing adoption of industrial robots, and growing automation in manufacturing and various other industries.

Highlighted with 26 tables and 70 figures, this 141-page report “North America Industrial Sensors Market 2022-2032 by Sensor Type (Level, Pressure, Position, Gas, Image, Magnetic, Others), Category (Contact, Non-contact), Technology (MEMS, CMOS, Optical, NEMS), Industry Vertical (Oil & Gas, Pharmaceuticals, Chemicals, Manufacturing, Automotive, Others), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America industrial sensors market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America industrial sensors market in every aspect of the classification from perspectives of Sensor Type, Category, Technology, Industry Vertical, and Country.

Based on Sensor Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn), average selling price (USD/unit), and volume (thousand units) for 2022-2032 included in each section.

Level Sensors

Pressure Sensors

Position Sensors

Gas Sensors

Image Sensor

Magnetic Sensor

Electromagnetic Sensor

Temperature Sensor

Flow Sensors

Force Sensors

Other Sensor Types

Based on Category, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Contact Sensors

Non-contact Sensors

By Technology, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Micro-Electro-Mechanical Systems (MEMS)

MEMS Gyroscopes

MEMS Pressure Sensors (Absolute Pressure Sensor, Vacuum Pressure Sensor, Sealed Pressure Sensor, Gauge Pressure Sensor and Differential Pressure Sensor)

MEMS Magnetic Field Sensors

Complementary Metal Oxide Semiconductor (CMOS)

Optical Sensing

Nanoelectromechanical Systems (NEMS)

Other Technologies

By Industry Vertical, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Oil & Gas

Pharmaceuticals

Chemicals

Manufacturing

Automotive

Energy & Power

Mining

Other Industry Verticals

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Sensor Type, Technology and Industry Vertical over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

Amphenol Corporation

Ams AG

Bosch Sensortec GmbH

Crocus Technology, Inc.

Dwyer Instruments, Inc.

Endress+Hauser Management AG

Figaro Engineering Inc.

Honeywell International Inc.

Infineon Technologies AG

Microchip Technology Inc.

Nxp Semiconductors N.V.

Omega Engineering Inc.

Panasonic Corporation

Renesas Electronics Corporation (Renesas)

Rockwell Automation Inc.

Sensirion AG

Siemens AG

STMicroelectronics NV

TE Connectivity Ltd.

Teledyne Technologies Inc.

Texas Instruments Inc.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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Honeywell International Inc.

Infineon Technologies AG

Microchip Technology Inc.

Nxp Semiconductors N.V.

Omega Engineering Inc.

Panasonic Corporation

Renesas Electronics Corporation (Renesas)

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