

Level Sensors Market by Technology (Contact, Non-Contact), Type (Ultrasonic, Hydrostatic, Magnetostrictive), Monitoring (Continuous, Point Level), End-use Application (Industrial Manufacturing, Oil & Gas, Chemical), and Geography - Global Forecast to 2025

<https://marketpublishers.com/r/L7C854BF9F2EN.html>

Date: November 2020

Pages: 196

Price: US\$ 4,950.00 (Single User License)

ID: L7C854BF9F2EN

Abstracts

The level sensor market is projected to reach USD 6.1 billion by 2025 from USD 4.3 billion in 2020, it is expected to grow at a CAGR of 7.5% from 2020 to 2025. Factors such as the reduction in size of sensors, rising adoption of level sensors in process industries, rising use of IIoT solutions, and stable vehicle production worldwide are driving the growth of the level sensors market. However, increasing competition among Tier 1 players offering level sensors is restraining market growth

“Based on technologies, non-contact to be the fastest-growing segment between 2020 and 2025.”

Based on technology, non-contact level sensors are expected to hold a larger share in the level sensors market. While contact level sensors enjoy widespread penetration across several industry verticals and products, they are slowly being replaced by non-contact level sensors, as the latter is more accurate and sophisticated and uses electronic technologies such as capacitive, conductivity, and ultrasonic.

“Based on types, ultrasonic sensors to be the fastest-growing type between 2020 and 2025.”

Based on types, the level sensors market has been segmented into magnetostrictive,

vibratory probe, hydrostatic, magnetic & mechanical float, pneumatic, guided wave level sensors, ultrasonic, microwave/radar, optical, laser, and other types. Based on type, the ultrasonic sensors market segment is expected to hold the largest share as well as grow at the fastest rate during the forecast period. The ultrasonic level sensor is a non-contact type level sensor that is widely used across industries such as oil & gas, industrial manufacturing, chemical, and energy & power, among others.

“Based on monitoring types, point level monitoring to be the fastest-growing segment between 2020 and 2025.”

Level sensors are segmented on the basis of monitoring principles into point level monitoring and continuous level monitoring. Point level monitoring sensors are used when continuous monitoring is not necessary, and the level is required to be checked only at certain points. Any change in the level detected fires a binary signal to an integrated process control system, which commands the process of filling equipment, such as a conveyor or pump, to either start or stop. The major applications of point level detection lie in process tanks, storage tanks, silos, and pipelines in the process industry.

“APAC level sensors market to record the highest growth rate during the forecast period.”

The main industries of the Asia Pacific region include automotive, process, healthcare, petrochemical & related process, chemical, power generation, and consumer. The Asia Pacific market is currently on a prosperous growth curve in terms of consumption of level sensors for various applications. China is considered to be a huge market for level sensors owing to its growing economy.

In-depth interviews have been conducted with chief executive officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the level sensors market place.

By Company Type: Tier 1 – 45%, Tier 2 – 35%, and Tier 3 – 20%

By Designation: C-level Executives – 38%, Directors – 32%, and Managers – 30%

By Region: North America – 35%, Europe – 28%, APAC – 26%, and RoW – 11%

ABB (Switzerland), Emerson (US), Endress+Hauser (Switzerland), Vega Grieshaber KG (Germany), Siemens (Germany), Honeywell (US), AMETEK (US), Schneider Electric (France), TE Connectivity (Switzerland), Gems Sensors (US) are some of the key players in the level sensors market.

The study includes an in-depth competitive analysis of these key players in the level sensors market, with their company profiles, recent developments, and key market strategies.

Research Coverage

The report defines, describes, and forecasts the level sensors market based on type, monitoring type, technology, end-user, and region. It provides detailed information regarding factors such as drivers, restraints, opportunities, and challenges influencing the growth of the level sensors market. It also analyzes product launches, acquisitions, expansions, and partnerships carried out by the key players to grow in the market.

Key Benefits of Buying the Report

This report will help market leaders/new entrants in this industry with information on the closest approximations of the revenue numbers for the overall level sensors market and the subsegments. The report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. The report will also help stakeholders to understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION AND SCOPE

1.2.1 INCLUSIONS AND EXCLUSIONS

1.3 STUDY SCOPE

FIGURE 1 SEGMENTATION OF LEVEL SENSORS MARKET

1.3.1 YEARS CONSIDERED

1.3.2 GEOGRAPHIC SCOPE

1.4 CURRENCY

1.5 STAKEHOLDERS

1.6 SUMMARY OF CHANGES

1.7 LIMITATIONS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 LEVEL SENSORS MARKET: PROCESS FLOW OF MARKET SIZE SEGMENTATION

FIGURE 3 LEVEL SENSORS MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

2.1.2.2 Breakdown of primary sources

2.1.2.3 Primary interviews with key players

FIGURE 4 DATA TRIANGULATION

2.2 MARKET SIZE ESTIMATION

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: SUPPLY SIDE ANALYSIS

FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH

(SUPPLY SIDE)— IDENTIFICATION OF REVENUE GENERATED BY COMPANIES FROM LEVEL SENSORS

FIGURE 7 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP MARKET ESTIMATION FOR LEVEL SENSORS MARKET, BY TYPE

2.2.1 BOTTOM-UP APPROACH

2.2.1.1 Approach to arrive at the market size using the bottom-up approach (demand side)

FIGURE 8 LEVEL SENSORS MARKET: BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

2.2.2.1 Approach to arrive at the market size using the top-down approach (supply side)

FIGURE 9 LEVEL SENSORS MARKET: TOP-DOWN APPROACH

2.3 RESEARCH ASSUMPTIONS AND LIMITATIONS

TABLE 1 ASSUMPTIONS FOR RESEARCH STUDY

3 EXECUTIVE SUMMARY

FIGURE 10 BY TECHNOLOGY, NON-CONTACT LEVEL SENSORS TO LEAD MARKET IN 2025

FIGURE 11 BY TYPE, ULTRASONIC LEVEL SENSORS TO ACCOUNT FOR LARGEST MARKET SHARE IN 2025

FIGURE 12 BY MONITORING TYPE, CONTINUOUS LEVEL MONITORING SENSORS TO

LEAD MARKET IN 2025

FIGURE 13 BY END USER, INDUSTRIAL MANUFACTURING TO DOMINATE THE MARKET DURING THE FORECAST PERIOD

FIGURE 14 ASIA PACIFIC TO CAPTURE LARGEST MARKET SHARE IN 2025

4 IMPACT OF COVID-19 ON LEVEL SENSORS MARKET

FIGURE 15 PRE-AND POST-COVID-19 LEVEL SENSORS MARKET, 2016–2025

4.1 PRE-COVID-19 SCENARIO

4.2 POST-COVID-19

5 PREMIUM INSIGHTS

5.1 ATTRACTIVE OPPORTUNITIES IN THE LEVEL SENSORS MARKET

FIGURE 16 RISING ADOPTION IN PROCESS INDUSTRIES TO DRIVE MARKET GROWTH

5.2 GLOBAL LEVEL SENSORS MARKET, BY END USER AND COUNTRY

FIGURE 17 INDUSTRIAL MANUFACTURING AND US TO ACCOUNT FOR LARGEST MARKET SHARE IN 2025

5.3 COUNTRY-WISE LEVEL SENSORS MARKET GROWTH RATE

FIGURE 18 CHINA TO EXHIBIT HIGHEST MARKET CAGR DURING THE FORECAST PERIOD

6 MARKET OVERVIEW

6.1 INTRODUCTION

6.2 MARKET DYNAMICS

FIGURE 19 LEVEL SENSORS MARKET DYNAMICS

6.2.1 DRIVERS

FIGURE 20 LEVEL SENSORS MARKET DRIVERS AND THEIR IMPACT

6.2.1.1 Reduction in the size of sensors

6.2.1.2 Rising adoption of level sensors in process industries

6.2.1.3 Increasing use of IIoT solutions

6.2.1.4 Stable vehicle production worldwide

FIGURE 21 GLOBAL VEHICLE PRODUCTION STATISTICS (2000 – 2020)

6.2.2 RESTRAINTS

6.2.2.1 Increasing competition among Tier 1 players offering level sensors

6.2.3 OPPORTUNITIES

FIGURE 22 LEVEL SENSORS MARKET OPPORTUNITIES AND THEIR IMPACT

6.2.3.1 Rising adoption of Industry 4.0

6.2.3.2 Increasing use of level sensors in environmental applications

6.2.4 CHALLENGES

6.2.4.1 Maturity of critical end-user segments

FIGURE 23 LEVEL SENSORS MARKET RESTRAINTS & CHALLENGES AND THEIR IMPACT

7 INDUSTRY TRENDS

7.1 VALUE CHAIN ANALYSIS

FIGURE 24 GLOBAL LEVEL SENSORS MARKET: VALUE CHAIN ANALYSIS

7.1.1 RESEARCH & DEVELOPMENT

7.1.2 LEVEL SENSORS COMPONENT MANUFACTURERS

7.1.3 KEY DISTRIBUTORS

7.1.4 END USERS

7.2 LEVEL SENSORS MARKET – ECOSYSTEM/MARKET MAP

FIGURE 25 GLOBAL LEVEL SENSORS MARKET: ECOSYSTEM/MARKET MAP

7.3 TECHNOLOGY ANALYSIS

7.4 PATENT ANALYSIS

TABLE 2 PATENT PORTFOLIO

7.5 CASE STUDY

7.5.1 VEGA'S 80GHZ LEVEL RADAR IS INCREASING PRODUCTIVITY IN THE SCREEN HOUSE AT E&JW GLENDINNING

- 7.5.2 BELL'S BREWERY INSTALLED VEGA'S VEGAPOINT 21
- 7.5.3 VEGA'S VEGAFLEX86 INSTALLED IN NUCLEAR PLANT IN CHINA
- 7.5.4 REFINERY IMPROVES VACUUM TOWER LEVEL MEASUREMENT WITH SIEMENS ROSEMOUNT 3051S ERS AND THERMAL RANGE EXPANDER
- 7.5.5 MAJOR AGRICULTURAL MACHINERY COMPANY STARTED USING WIKA'S LEVEL SENSORS
- 7.6 TARIFFS AND REGULATIONS
- 7.7 AVERAGE SELLING PRICE (ASP) ANALYSIS
- TABLE 3 LEVEL SENSORS MARKET ASP TREND, 2016–2025

8 LEVEL SENSORS MARKET, BY TECHNOLOGY

8.1 INTRODUCTION

FIGURE 26 LEVEL SENSORS MARKET, BY TECHNOLOGY

FIGURE 27 NON-CONTACT LEVEL SENSORS TO HOLD LARGER MARKET SHARE DURING FORECAST PERIOD

TABLE 4 LEVEL SENSORS MARKET, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 5 LEVEL SENSORS MARKET, BY TECHNOLOGY, 2016–2025 (MILLION UNITS)

8.2 CONTACT LEVEL SENSORS

8.2.1 COST-EFFECTIVENESS AND STRAIGHTFORWARD APPLICATIONS TO ENHANCE ADOPTION

TABLE 6 CONTACT LEVEL SENSORS MARKET, BY TYPE, 2016–2025 (USD MILLION)

TABLE 7 CONTACT LEVEL SENSORS MARKET, BY TYPE, 2016–2025 (MILLION UNITS)

8.3 NON-CONTACT LEVEL SENSORS

8.3.1 VERSATILITY AND CONTACTLESS OPERATION TO ENHANCE DEMAND

8.3.1.1 Advantages and disadvantages of non-contact level sensors

TABLE 8 NON-CONTACT LEVEL SENSORS MARKET, BY TYPE, 2016–2025 (USD MILLION)

TABLE 9 NON-CONTACT LEVEL SENSORS MARKET, BY TYPE, 2016–2025 (MILLION UNITS)

8.4 COVID-19 IMPACT ON TECHNOLOGY

FIGURE 28 IMPACT OF COVID-19 ON TECHNOLOGY

9 LEVEL SENSORS MARKET, BY TYPE

9.1 INTRODUCTION

FIGURE 29 LEVEL SENSORS MARKET, BY TYPE

FIGURE 30 ULTRASONIC LEVEL SENSORS TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD

TABLE 10 LEVEL SENSORS MARKET, BY TYPE, 2016–2025 (USD MILLION)

TABLE 11 LEVEL SENSORS MARKET, BY TYPE, 2016–2025 (MILLION UNITS)

9.2 MAGNETOSTRICTIVE

9.2.1 FEATURES HIGH ACCURACY, STRONG ENVIRONMENTAL ADAPTABILITY, AND CONVENIENT INSTALLATION

FIGURE 31 MAGNETOSTRICTIVE LEVEL SENSOR WORKING PRINCIPLE

TABLE 12 MAGNETOSTRICTIVE LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.3 VIBRATORY PROBE

9.3.1 PROVIDE POINT LEVEL SENSING FOR POWDERS AND BULK SOLIDS

TABLE 13 VIBRATORY PROBE LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.4 HYDROSTATIC

9.4.1 MEASURE THE PRESSURE GENERATED BY A STATIC HEAD OF LIQUID

TABLE 14 HYDROSTATIC LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.5 MAGNETIC & MECHANICAL FLOAT

9.5.1 POPULAR FOR THEIR SIMPLICITY, DEPENDABILITY, AND LOW COST

TABLE 15 MAGNETIC & MECHANICAL FLOAT LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.6 PNEUMATIC

9.6.1 USED IN HAZARDOUS ENVIRONMENTS

FIGURE 32 PNEUMATIC LEVEL SENSOR WORKING PRINCIPLE

TABLE 16 PNEUMATIC FLOAT LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.7 GUIDED WAVE

9.7.1 LEVERAGES MICROWAVE PULSES FOR LEVEL MEASUREMENT

TABLE 17 GUIDED WAVE LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.8 ULTRASONIC

9.8.1 MEASURES LEVEL BASED ON TRAVEL TIME OF ULTRASONIC PULSES

FIGURE 33 ULTRASONIC LEVEL SENSOR WORKING PRINCIPLE

TABLE 18 ULTRASONIC LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.9 MICROWAVE/RADAR

9.9.1 USED IN MOIST, VAPOROUS, AND DUSTY ENVIRONMENTS

TABLE 19 RADAR LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.10 OPTICAL

9.10.1 OPERATION DEPENDS ON LIGHT TRANSMISSION, REFLECTION, OR REFRACTION OF MEDIUM

TABLE 20 OPTICAL LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.11 LASER

9.11.1 LEVERAGE LIGHT WAVES FOR LEVEL MEASUREMENT

TABLE 21 LASER LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.12 OTHERS

9.12.1 CAPACITANCE

9.12.1.1 Used to sense the presence of solids, aqueous & organic liquids, and slurries

9.12.2 CONDUCTIVITY

9.12.2.1 Ideal for point level detection of conductive and corrosive liquids

9.12.3 NUCLEAR

9.12.3.1 Used for point and continuous measurements where other technologies are unsuccessful

9.12.4 AIR BUBBLER

9.12.4.1 Used for vessels that work below atmospheric pressure

9.12.5 LOAD CELLS

9.12.5.1 Used for quick and precise measurements

9.12.6 MICRO-ELECTRO-MECHANICAL SYSTEMS (MEMS)

9.12.6.1 Used to measure acceleration, altitude, temperature, and other conditions

9.12.7 ROTATING PADDLE

9.12.7.1 Suitable for plastic, chemical, medical, and cement industries

9.12.8 RESISTIVE CHAIN

9.12.8.1 Used in chemical, oil, shipping, food processing, and waste treatment

9.12.9 WEIGHT AND CABLE

9.12.9.1 Determines level using load cells placed underneath the bottom of the tank

TABLE 22 OTHER LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

9.13 COVID-19 IMPACT ON TYPE MARKET SEGMENT

FIGURE 34 IMPACT OF COVID-19 ON TYPE MARKET SEGMENT

10 LEVEL SENSORS MARKET, BY MONITORING TYPE

10.1 INTRODUCTION

FIGURE 35 LEVEL SENSORS MARKET, BY MONITORING TYPE

FIGURE 36 CONTINUOUS MONITORING LEVEL SENSORS TO HOLD LARGER MARKET SHARE DURING FORECAST PERIOD

TABLE 23 LEVEL SENSORS MARKET, BY MONITORING TYPE, 2016–2025 (USD MILLION)

10.2 POINT LEVEL MONITORING

10.2.1 POINT LEVEL MONITORING SENSORS MEASURE PREDEFINED LIMITS

10.2.2 VIBRATORY PROBE

10.2.2.1 Used to detect fine powders and granular solids

10.2.2.2 Features and applications of vibratory probe

10.2.3 ROTATING PADDLE

10.2.3.1 Measures level of dust or bulk solids

10.2.3.2 Features and applications of vibrating probe

10.2.4 ADMITTANCE TYPE

10.2.4.1 RF admittance level sensors measure changing capacitance between sensing probe and reference

10.2.5 MAGNETIC & MECHANICAL FLOAT

10.2.5.1 Float-operated liquid level sensors function on the buoyancy principle

10.2.6 PNEUMATIC

10.2.6.1 Used where electricity supply is deficient or restricted

10.2.7 CONDUCTIVE

10.2.7.1 Suitable for point level monitoring of conductive liquids

TABLE 24 LEVEL SENSORS MARKET FOR POINT LEVEL MONITORING, BY REGION, 2016–2025 (USD MILLION)

10.3 CONTINUOUS LEVEL MONITORING

10.3.1 CONTINUOUS LEVEL MONITORING IS USED TO DETECT EXACT AMOUNT OF SUBSTANCE

10.3.2 MAGNETOSTRICTIVE

10.3.2.1 Contains a permanent magnet sealed inside a float

10.3.3 RESISTIVE CHAIN LEVEL

10.3.3.1 Useful for liquid level measurements

10.3.4 MAGNETORESISTIVE

10.3.4.1 Used in continuous level monitoring of liquids

10.3.5 HYDROSTATIC PRESSURE LEVEL

10.3.5.1 Useful for measuring water level in reservoirs or corrosive liquid level in deep tanks

10.3.6 AIR BUBBLER

10.3.6.1 Used in vessels that operate under atmospheric pressure

10.3.7 GAMMA RAY/RADIOMETRIC

10.3.7.1 Used to control molten steel level in continuous casting during steelmaking

10.3.7.2 Advantages of gamma ray level sensors

TABLE 25 LEVEL SENSORS MARKET FOR CONTINUOUS LEVEL MONITORING, BY REGION, 2016–2025 (USD MILLION)

10.4 COVID-19 IMPACT ON MONITORING TYPE MARKET SEGMENT

FIGURE 37 IMPACT OF COVID-19 ON MONITORING TYPE MARKET SEGMENT

11 LEVEL SENSORS MARKET, BY END USER

11.1 INTRODUCTION

FIGURE 38 LEVEL SENSORS MARKET, BY END USER

FIGURE 39 MANUFACTURING INDUSTRY EXPECTED TO DOMINATE THE MARKET BY 2025

TABLE 26 LEVEL SENSORS MARKET, BY END USER, 2016–2025 (USD MILLION)

11.2 CONSUMER GOODS

11.2.1 PENETRATION OF MEMS AND WIRELESS TECHNOLOGIES TO BOOST USE

TABLE 27 LEVEL SENSORS MARKET FOR CONSUMER GOODS, BY TYPE, 2016–2025 (USD MILLION)

TABLE 28 LEVEL SENSORS MARKET FOR CONSUMER GOODS, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 29 LEVEL SENSORS MARKET FOR CONSUMER GOODS, BY REGION, 2016–2025 (USD MILLION)

11.3 INDUSTRIAL MANUFACTURING

11.3.1 SENSORS TO SEE INCREASED USE IN MANUFACTURING & PROCESS INDUSTRIES

TABLE 30 LEVEL SENSORS MARKET FOR INDUSTRIAL MANUFACTURING, BY TYPE, 2016–2025 (USD MILLION)

TABLE 31 LEVEL SENSORS MARKET FOR INDUSTRIAL MANUFACTURING, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 32 LEVEL SENSORS MARKET FOR INDUSTRIAL MANUFACTURING, BY REGION, 2016–2025 (USD MILLION)

11.4 CHEMICAL

11.4.1 INCREASING NEED FOR ACCURACY EXPECTED TO BOOST SENSOR DEMAND

TABLE 33 LEVEL SENSORS MARKET FOR CHEMICAL, BY TYPE, 2016–2025 (USD MILLION)

TABLE 34 LEVEL SENSORS MARKET FOR CHEMICAL, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 35 LEVEL SENSORS MARKET FOR CHEMICAL, BY REGION, 2016–2025 (USD MILLION)

11.5 PHARMACEUTICAL

11.5.1 NON-CONTACT SENSORS USED TO MEET STRICT REQUIREMENTS FOR HYGIENE

TABLE 36 LEVEL SENSORS MARKET FOR PHARMACEUTICAL, BY TYPE, 2016–2025 (USD MILLION)

TABLE 37 LEVEL SENSORS MARKET FOR PHARMACEUTICAL, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 38 LEVEL SENSORS MARKET FOR PHARMACEUTICAL, BY REGION, 2016–2025 (USD MILLION)

11.6 WASTEWATER

11.6.1 WASTEWATER MANAGEMENT REGULATIONS TO SPUR SENSOR DEMAND

TABLE 39 LEVEL SENSORS MARKET FOR WASTEWATER, BY TYPE, 2016–2025 (USD MILLION)

TABLE 40 LEVEL SENSORS MARKET FOR WASTEWATER, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 41 LEVEL SENSORS MARKET FOR WASTEWATER, BY REGION, 2016–2025 (USD MILLION)

11.7 OIL & GAS

11.7.1 HYDROSTATIC AND ULTRASONIC LEVEL SENSORS TO SEE INCREASING DEMAND

TABLE 42 LEVEL SENSORS MARKET FOR OIL & GAS, BY TYPE, 2016–2025 (USD MILLION)

TABLE 43 LEVEL SENSORS MARKET FOR OIL & GAS, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 44 LEVEL SENSORS MARKET FOR OIL & GAS, BY REGION, 2016–2025 (USD MILLION)

11.8 ENERGY & POWER

11.8.1 ULTRASONIC, ADMITTANCE, AND PNEUMATIC LEVEL SENSORS USED IN POWER GENERATION

TABLE 45 LEVEL SENSORS MARKET FOR ENERGY & POWER, BY TYPE,

2016–2025 (USD MILLION)

TABLE 46 LEVEL SENSORS MARKET FOR ENERGY & POWER, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 47 LEVEL SENSORS MARKET FOR ENERGY & POWER, BY REGION, 2016–2025 (USD MILLION)

11.9 HEALTHCARE

11.9.1 SENSORS USED TO MONITOR LEVELS OF REAGENT CONTAINERS AND WASTE TANKS

TABLE 48 LEVEL SENSORS MARKET FOR HEALTHCARE, BY TYPE, 2016–2025 (USD MILLION)

TABLE 49 LEVEL SENSORS MARKET FOR HEALTHCARE, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 50 LEVEL SENSORS MARKET FOR HEALTHCARE, BY REGION, 2016–2025 (USD MILLION)

11.10 OTHER END USERS

11.10.1 AGRICULTURAL

11.10.1.1 Demand for sensors for monitoring water content at root level

11.10.2 PAPER & PULP

11.10.2.1 Sensors are used to measure level in process and storage tanks

11.10.3 CONSTRUCTION AGGREGATES

11.10.3.1 Sensors are used in construction to monitor levels of bulk solids

TABLE 51 LEVEL SENSORS MARKET FOR OTHER END USERS, BY TYPE, 2016–2025 (USD MILLION)

TABLE 52 LEVEL SENSORS MARKET FOR OTHER END USERS, BY REGION, 2016–2025 (USD MILLION)

11.11 COVID-19 IMPACT ON END USERS

FIGURE 40 IMPACT OF COVID-19 ON END USERS

12 LEVEL SENSORS MARKET, BY REGION

12.1 INTRODUCTION

FIGURE 41 ASIA PACIFIC TO HOLD LARGEST SHARE OF LEVEL SENSORS MARKET DURING FORECAST PERIOD

TABLE 53 LEVEL SENSORS MARKET, BY REGION, 2016–2025 (USD MILLION)

12.2 NORTH AMERICA

FIGURE 42 NORTH AMERICA: LEVEL SENSORS MARKET SNAPSHOT

FIGURE 43 US TO LEAD NORTH AMERICA LEVEL SENSORS MARKET

TABLE 54 LEVEL SENSORS MARKET IN NORTH AMERICA, BY COUNTRY, 2016–2025 (USD MILLION)

TABLE 55 LEVEL SENSORS MARKET IN NORTH AMERICA, BY END USER, 2016–2025 (USD MILLION)

TABLE 56 LEVEL SENSORS MARKET IN NORTH AMERICA, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 57 LEVEL SENSORS MARKET IN NORTH AMERICA, BY MONITORING TYPE, 2016–2025 (USD MILLION)

12.2.1 US

12.2.1.1 Presence of key market players creates significant opportunities

TABLE 58 LEVEL SENSORS MARKET IN US, BY END USER, 2016–2025 (USD MILLION)

12.2.2 CANADA

12.2.2.1 Oil & gas industry expected to see wide adoption of level sensors

TABLE 59 LEVEL SENSORS MARKET IN CANADA, BY END USER, 2016–2025 (USD MILLION)

12.2.3 MEXICO

12.2.3.1 Adoption in refineries to provide growth opportunities

TABLE 60 LEVEL SENSORS MARKET IN MEXICO, BY END USER, 2016–2025 (USD MILLION)

12.3 EUROPE

FIGURE 44 EUROPE: LEVEL SENSORS MARKET SNAPSHOT

FIGURE 45 GERMANY TO LEAD EUROPE LEVEL SENSORS MARKET

TABLE 61 LEVEL SENSORS MARKET IN EUROPE, BY COUNTRY, 2016–2025 (USD MILLION)

TABLE 62 LEVEL SENSORS MARKET IN EUROPE, BY END USER, 2016–2025 (USD MILLION)

TABLE 63 LEVEL SENSORS MARKET IN EUROPE, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 64 LEVEL SENSORS MARKET IN EUROPE, BY MONITORING TYPE, 2016–2025 (USD MILLION)

12.3.1 GERMANY

12.3.1.1 Adoption of level sensors in manufacturing to spur market growth

TABLE 65 LEVEL SENSORS MARKET IN GERMANY, BY END USER, 2016–2025 (USD MILLION)

12.3.2 UK

12.3.2.1 Adoption of level sensors in the automotive sector to spur market growth

TABLE 66 LEVEL SENSORS MARKET IN UK, BY END USER, 2016–2025 (USD MILLION)

12.3.3 FRANCE

12.3.3.1 Adoption of level sensors in aerospace manufacturing to boost market growth

TABLE 67 LEVEL SENSORS MARKET IN FRANCE, BY END USER, 2016–2025 (USD MILLION)

12.3.4 ITALY

12.3.4.1 Adoption expected in aerospace, healthcare, and consumer products

TABLE 68 LEVEL SENSORS MARKET IN ITALY, BY END USER, 2016–2025 (USD MILLION)

12.3.5 RUSSIA

12.3.5.1 Oil & gas industry to provide significant opportunities

TABLE 69 LEVEL SENSORS MARKET IN RUSSIA, BY END USER, 2016–2025 (USD MILLION)

12.3.6 REST OF EUROPE

TABLE 70 LEVEL SENSORS MARKET IN REST OF EUROPE, BY END USER, 2016–2025 (USD MILLION)

12.4 ASIA PACIFIC

FIGURE 46 ASIA PACIFIC: LEVEL SENSORS MARKET SNAPSHOT

FIGURE 47 CHINA TO DOMINATE ASIA PACIFIC LEVEL SENSORS MARKET

TABLE 71 LEVEL SENSORS MARKET IN ASIA PACIFIC, BY COUNTRY, 2016–2025 (USD MILLION)

TABLE 72 LEVEL SENSORS MARKET IN ASIA PACIFIC, BY END USER, 2016–2025 (USD MILLION)

TABLE 73 LEVEL SENSORS MARKET IN ASIA PACIFIC, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 74 LEVEL SENSORS MARKET IN ASIA PACIFIC, BY MONITORING TYPE, 2016–2025 (USD MILLION)

12.4.1 CHINA

12.4.1.1 Higher investments, government initiatives, and presence of global players to drive market

TABLE 75 LEVEL SENSORS MARKET IN CHINA, BY END USER, 2016–2025 (USD MILLION)

12.4.2 JAPAN

12.4.2.1 Increasing government support, adoption in the automotive industry to drive market

TABLE 76 LEVEL SENSORS MARKET IN JAPAN, BY END USER, 2016–2025 (USD MILLION)

12.4.3 SOUTH KOREA

12.4.3.1 Government investments, adoption in automotive & healthcare sectors to boost market growth

TABLE 77 LEVEL SENSORS MARKET IN SOUTH KOREA, BY END USER, 2016–2025 (USD MILLION)

12.4.4 INDIA

12.4.4.1 Level sensors expected to have significant growth in near future

TABLE 78 LEVEL SENSORS MARKET IN INDIA, BY END USER, 2016–2025 (USD MILLION)

12.4.5 REST OF ASIA PACIFIC

TABLE 79 LEVEL SENSORS MARKET IN REST OF ASIA PACIFIC, BY END USER, 2016–2025 (USD MILLION)

12.5 REST OF THE WORLD

FIGURE 48 MIDDLE EAST & AFRICA TO DOMINATE ROW MARKET

TABLE 80 LEVEL SENSORS MARKET IN ROW, BY REGION, 2016–2025 (USD MILLION)

TABLE 81 LEVEL SENSORS MARKET IN ROW, BY END USER, 2016–2025 (USD MILLION)

TABLE 82 LEVEL SENSORS MARKET IN ROW, BY TECHNOLOGY, 2016–2025 (USD MILLION)

TABLE 83 LEVEL SENSORS MARKET IN ROW, BY MONITORING TYPE, 2016–2025 (USD MILLION)

12.5.1 MIDDLE EAST & AFRICA

12.5.1.1 Recent developments and investments in oil & gas to spur market growth

TABLE 84 LEVEL SENSORS MARKET IN MIDDLE EAST & AFRICA, BY END USER, 2016–2025 (USD MILLION)

12.5.2 SOUTH AMERICA

12.5.2.1 Market to grow at a stable pace

TABLE 85 LEVEL SENSORS MARKET IN SOUTH AMERICA, BY END USER, 2016–2025 (USD MILLION)

12.6 IMPACT OF COVID-19 ON LEVEL SENSORS, BY REGION

FIGURE 49 COVID-19 IMPACT ON LEVEL SENSORS, BY REGION

13 COMPETITIVE LANDSCAPE

13.1 OVERVIEW

FIGURE 50 ORGANIC AND INORGANIC STRATEGIES ADOPTED BY MARKET PLAYERS

13.2 MARKET RANKING ANALYSIS

FIGURE 51 MARKET PLAYER RANKING, 2019

FIGURE 52 MARKET LEADERS AND MARKET SHARE ANALYSIS, 2019

13.3 PRODUCT LAUNCHES

TABLE 86 PRODUCT LAUNCHES, 2019–2020

13.4 AGREEMENTS, COLLABORATIONS, AND PARTNERSHIPS

TABLE 87 AGREEMENTS, COLLABORATIONS, AND PARTNERSHIPS, 2020

13.5 ACQUISITIONS

TABLE 88 ACQUISITIONS, 2018 – 2019

13.6 EXPANSIONS

TABLE 89 EXPANSIONS, 2020

13.7 COMPETITIVE LEADERSHIP MAPPING

13.7.1 STAR

13.7.2 EMERGING LEADERS

13.7.3 PERVASIVE

13.7.4 PARTICIPANTS

FIGURE 53 LEVEL SENSORS MARKET (GLOBAL) COMPETITIVE LEADERSHIP MAPPING, 2019

13.8 STRENGTH OF PRODUCT PORTFOLIO (FOR 20 COMPANIES)

FIGURE 54 PRODUCT PORTFOLIO ANALYSIS OF TOP PLAYERS IN LEVEL SENSORS MARKET

13.9 BUSINESS STRATEGY EXCELLENCE (FOR 20 COMPANIES)

FIGURE 55 BUSINESS STRATEGY EXCELLENCE OF TOP PLAYERS IN LEVEL SENSORS MARKET

13.10 STARTUP/SME EVALUATION MATRIX, 2020

13.10.1 PROGRESSIVE COMPANIES

13.10.2 RESPONSIVE COMPANIES

13.10.3 DYNAMIC COMPANIES

13.10.4 STARTING BLOCKS

FIGURE 56 GLOBAL LEVEL SENSORS STARTUP/SME MATRIX MAPPING

14 COMPANY PROFILES

14.1 KEY PLAYERS

(Business Overview, Products/Solutions/Services offered, Recent Developments, COVID-19-specific Recent Developments, SWOT Analysis, and MnM View)*

14.1.1 ABB

FIGURE 57 ABB: COMPANY SNAPSHOT

14.1.2 EMERSON

FIGURE 58 EMERSON: COMPANY SNAPSHOT

14.1.3 ENDRESS+HAUSER

FIGURE 59 ENDRESS+HAUSER: COMPANY SNAPSHOT

14.1.4 VEGA GRIESHABER KG

14.1.5 SIEMENS

FIGURE 60 SIEMENS: COMPANY SNAPSHOT

14.1.6 AMETEK

FIGURE 61 AMETEK: COMPANY SNAPSHOT

14.1.7 HONEYWELL

FIGURE 62 HONEYWELL: COMPANY SNAPSHOT

14.1.8 SCHNEIDER ELECTRIC

FIGURE 63 SCHNEIDER ELECTRIC: COMPANY SNAPSHOT

14.1.9 TE CONNECTIVITY

FIGURE 64 TE CONNECTIVITY: COMPANY SNAPSHOT

14.1.10 GEMS SENSORS

* Business Overview, Products/Solutions/Services offered, Recent Developments, COVID-19-specific Recent Developments , SWOT Analysis, and MnM View might not be captured in case of unlisted companies.

14.2 OTHER KEY PLAYERS

14.2.1 KROHNE

14.2.2 PEPPERL+FUCHS GMBH

14.2.3 NOHKEN, INC.

14.2.4 IFM

14.2.5 UWT GMBH

14.2.6 WIKA

14.2.7 BALLUFF

14.2.8 OMEGA

14.2.9 TRAFAG

14.2.10 GHM MESSTECHNIK GMBH

14.2.11 BERTHOLD TECHNOLOGIES GMBH & CO.KG

14.3 STARTUP ECOSYSTEM

14.3.1 FUELICS

14.3.2 FARBOT MONITORING SOLUTIONS

14.3.3 GREEN SYS TECH

15 APPENDIX

15.1 DISCUSSION GUIDE

15.2 KNOWLEDGE STORE: MARKETSSANDMARKETS' SUBSCRIPTION PORTAL

15.3 AVAILABLE CUSTOMIZATIONS

15.4 RELATED REPORTS

15.5 AUTHOR DETAILS

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