

## **Level Sensors Market: Global Forecast & Analysis – Focus on Technologies [Contact Type (Magnetostrictive, Vibratory probe, Hydrostatic, Magnetic float) & Non-contact Type (Ultrasonic, Radar, Optical, Laser)], Applications and Geography (2013-2018)**

**Description:** Level measurement is a very basic process used across several industrial segments. Due to advancement in level sensing technologies, level sensors are expected to show proper growth during the forecast period. The market has entered into a transition from contact type of measurement to non-contact type of measurement over the past five years. Though the current market is dominated by contact level sensors such as magnetic float sensor and vibratory probe level sensor, we predict strong growth in non contact level sensing technologies such as ultrasonic level sensor and radar in the future due to their suitability for applications in hazardous environments. Similar to other electronic devices, level sensors also are increasingly becoming compact and micro-sized, due to advanced requirements in form-factor and functionality in various applications in industrial, construction, chemicals and manufacturing, food and beverages, pharmaceuticals, oil and gas, petrochemicals and several other application fields.

Out of all the applications, water and waste water management (which includes raw water, drinking water, sewage, industrial effluent, brackish water and sea water desalination) is one of the most prominent end user of level sensors. In developed nations like U.S., U.K. and Germany industrial and municipal wastewater treatment is considered as a big market due to various government regulations but it is still at infant phase in developing economies like India, China and Brazil. It is expected that adoption rates of water treatment technologies in developing nations are expected to rise during forecasted period thus making it a good market for level sensor.

The total level sensor market is expected to reach \$4,084 million by 2018, at a CAGR of 7.8% from 2013 to 2018. In terms of volume, the total number of level sensors shipped was 117.41 million units in 2012 and is expected to reach 248.46 million units by 2018, at an estimated CAGR of 12.9% from 2013 to 2018. North America leads the overall global level sensors market, with U.S. contributing for the largest percentage share in 2012. Europe, APAC, and Rest of the world (ROW) follow it.

### Scope of the report

This research report categorizes the global level sensors market; based on technology, applications, and geography; it also covers the forecasted revenue of global level sensors market. This report does provide the details on various applications of global level sensors market.

### On the basis of technology

Global level sensors market is mainly categorized into contact and non contact based level sensors technologies. While magnetic and mechanical level sensor are basically used in industrial process applications, ultrasonic and radar/microwave level sensor technologies are used for remote and hazardous location based level sensing application while rest of the level sensing technologies are commercially as end user equipments as well for OEM's applications.

### On the basis of application areas

Global level sensors applications market is categorized into Computing and ICT, Consumer Sector, Automotive and Transportation, Industrial, Power and Manufacturing, Military, Defense and Aerospace, Healthcare and Others which include agricultural and environment and recycling segments. Industrial applications continue to dominate the global level sensors market share followed by automotive segment and Military and Defense.

### On the basis of geography

Geographical analysis covers North America, Europe, Asia-Pacific, and ROW. North America covers U.S. and Canada. Europe covers the major countries like Germany, Italy, U.K., France, etc. Asia-Pacific (APAC) covers China, Japan, etc. ROW covers Middle East, Russia, and Brazil.

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### 8.7 ENDRESS+HAUSER AG

### 8.8 FIRST SENSOR AG

### 8.9 GEMS SENSORS & CONTROLS CO.

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