Global Intelligent Flow Meter Market, by Type (Calorimetric, Multiphase, Vortex, Electromagnetic, Ultrasonic, Thermal, Coriolis), by Communication Protocol (HART, Profinbus, Modbus), by Verticals (Chemical, Power Generation, Oil & Gas) - Forecast 2022

Market Synopsis of Intelligent Flow Meter Market:

Market Scenario:

Flow Meter is an electronic instrument that is used to measure linear, non-linear, mass or volumetric flow rate of a gas or liquid during its transmission through a pipe. The demand of intelligent flow meter is increasing in order to improve flow calibration standard and reduce uncertainties.

The Intelligent flow meter are suitable choice for industrial environment due to the various benefit offers such as accuracy, precision, stability, and reliability. The Intelligent Flow meters are widely used in various industries such as chemical, food & beverages, oil & gas, metals & mining, pulp & paper, pharmaceuticals among others. The demand of Intelligent Flow meter is increasing for Oil & Gas application in order to calibrate the fluids accurately and precisely that in turn is helping the market of intelligent flow meters to grow. Also, the rising demand of intelligent flow meter in Chemical & wastewater industries is also supporting the market of intelligent flow meters. However, the high initial cost of intelligent flow meter is one the major restrain factors for the market growth.

The market of Magnetic type of intelligent flow meter is expected to generate highest revenue in the forecast period due to absence of moving part that reduces the maintenance cost and also capable of measuring forward as well as reverse flow with equal precision.

Globally the Intelligent Flow Meter market is expected to grow at the CAGR of ~ 5 % from 2016 to 2022.

Study Objectives of Intelligent Flow Meter Market:

- To provide detailed analysis of the market structure along with forecast of the various segments and sub-segments of the Global Intelligent Flow Meter Market
- To provide insights about factors affecting the market growth.
- To analyze the Intelligent Flow Meter market based on various factors- supply chain analysis, porters five force analysis etc.
- To provide historical and forecast revenue of the market segments and sub-segments with respect to four main geographies and their countries- North America, Europe, Asia, and Rest of the World (ROW)
- To provide country level analysis of the Market with respect to the current market size and future prospective
- To provide country level analysis of the Market for segment by Type, Communication Protocol, Verticals and sub-segments.
- To provide strategic profiling of key players in the Market, comprehensively analyzing their core competencies, and drawing a competitive landscape for the market
- To Track and Analyze competitive developments such as
Joint Ventures, Strategic Alliances, Mergers and acquisitions, new product developments, and research and developments in the Global Intelligent Flow Meter

Global Intelligent Flow Meter Market (USD Billion)

Intended Audience
- Original Equipment Manufacturer (OEMs)
- Product Manufacturer & Suppliers
- Flow Meter Suppliers
- Service Providers
- Research Organizations
- Technology consultants

Key Players
The prominent players in the market of Intelligent Flow Meter are- ABB Ltd. (U.S.), Sierra Instruments Inc. (U.S.), Nidec Corporation, (U.S.), Honeywell International Inc. (U.S.), Endress + Hauser AG (Switzerland), General Electric Company (U.S.), Azbil Corporation (Japan), Krohne Messtechnik GmbH (Germany), Siemens AG (Germany), Yokogawa Electric Corporation (Japan) and American Industrial Partners (U.S.) among others.

Segments:
Global Intelligent Flow Meter Market has been segmented on the Basis of type, communication protocol and Verticals. The Type includes Calorimetric, Multiphase Turbine, Vortex, Electromagnetic, Doppler, Ultrasonic, Thermal, and Coriolis among others. Communication Protocol has been identified as HART, Profibus, and Modbus among others. Verticals consist of chemical, power generation food & beverages, oil & gas, metals & mining, pulp & paper, pharmaceuticals among others.

Regional Analysis
Asia-Pacific is dominating the market of Intelligent Flow Meter Market due to increasing industrial development and huge demand of measuring meters in Oil & Gas industry. The high demand of intelligent flow meters in measurement processes among countries such as China and India is also fueling the market of intelligent flow meter to achieve new heights in upcoming future. North-America is also showing healthy growth due to the large number of shale gas projects and oil fields presence in the region. The Intelligent flow meter market in Europe is also expanding due to rapid industrial infrastructural activities and growing demand of accurate and precise flow measuring devices in this region.
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