

Europe Photonic Sensors Market (2016-2022)

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Abstracts

Photonic sensors offer a highly robust and efficient industrial and process automation for various industrial sectors. The technology provides sensing and detection functions such as strain measurement, efficient image sensing, etc. With wide spread adoption of the technology, it is anticipated that there would be significant change in the way industries function. With the adoption of smart grid communication systems load balancing between multiple factories would be easily achieved, leading to profitability and efficiency. Additional features such as raw material inventory communication would be easily achieved with the help of smart communication technologies. As technology grows and potential fully achieved, the multiple communication functions would open more opportunities for the market in setting up smart industrial sectors.

The report highlights the adoption of Photonic Sensors market in Europe region. Based on the Product, the Photonic Sensors Market is segmented into Fiber Optic Sensor, Image Sensor, Biophotonic Sensor and Other segments. According to the product type, the Fiber Optic Sensor Segment is further segmented into Bragg Garting Sensor, Distributed Sensor, Quasi Distributed Sensor and Point Sensor Invasive sub segments; Image Sensors segment is bifurcated into Charge Coupled Devices, Complementary Metal Oxide Semiconductor, Position Sensitive Semiconductor and Photoelectric Sensor sub segments; Biophotonic sensors segment is segmented into Intrinsic BioPhotonics and Extrensic Bio Photonics sub segments. Based on the technology, the market is segmented into Fiber Optic Technology, Laser Technology and Biophotonic segments.

On the basis of various application the market is also bifurcated into Military, Homeland Security, Industrial Process, Factory Automation, Civil Structure, Transportation, Biomedical, Micro Fluidic, Bio-environmental, Wind Energy turbines, Oil & gas and Other segments. The countries included in the report are Germany, UK, France, Russia, Spain, Italy and Rest of Europe.



Key players profiled in the report include Baumer Holding AG, Banner Engineering Corp., True sense Imaging, Inc., Honeywell International, Samsung Electronics Co. Ltd., Toshiba Corporation, Fujifilm Holdings Corporation and General Electric Company.



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