Photoelectric Sensors Market Analysis: By Technology (Retro-reflective, Diffuse & Through Beam); By Type (Proximity, Fiber optic); By Application (Parking facilities, Elevators, Building Automation, Semiconductors)-With Forecast (2016-2021)

Description: Photoelectric sensors are sensors which are used to detect colour and distance of an object. These sensors are position sensor that uses light emitting diodes as the light source. The sensor works on the principle of light being emitted from the sensor onto an object, following which the light is reflected back onto the photoelectric sensor again. Based on the time it took for the light beam to hit the object and be reflected back, the sensor is able to estimate the distance the object is away from it. Photoelectric sensors are increasingly being used across a number of industries some of which include the construction and automotive industries.

Photoelectric sensors are increasingly being used in the industrial sector where they are used for detecting position misalignments. The sensors are placed at predetermined locations through which the placement of a product can be measured and see if it has been placed properly or not. Based on the data from the sensors, the information is transmitted to the necessary positioning equipment which can make corrections. Other factors such as the increasing adoption of digital network technology is increasing the market attractiveness for photoelectric sensors.

The APAC region is expected to have a high contribution to the overall market considering that the automation and manufacturing industries will be the key adopters of this product. The increasing growth of automation across the automotive, food & beverages, and process industries is a key driver for the photoelectric sensor market. Nanotechnology has also created new opportunities for the photoelectric sensor market. The sensors themselves are used to improve the productivity of manufacturing set-ups as the data gathered by the sensors can be collated and acted upon immediately. One of the drawbacks however is the high price of the photoelectric component for the sensor itself.

The photoelectric sensors market in Europe is expected to grow at a stable rate. The key driver in the region is the increasing investments on R&D coupled with the number of manufacturing industries in the region, although is not as high as that in the APAC region.

In terms of technology the market has been divided into the following Retro-reflective, Diffuse and Through Beam. The Photoelectric sensors market has also been segmented by the following types Proximity photoelectric sensor, Fiber optic photoelectric sensor and Others. The Photoelectric sensors market has also been segmented by the following applications Parking facilities, Elevators, Building Automation, Semiconductor Device, Packaging machines and Others. The Photoelectric sensors market has also been segmented by the following geographies Americas, APAC, Europe and ROW.

Following are just a few of the companies that are operating in the Photoelectric sensors market
- Autonics Corporation
- Avago Corporation
- Balluff Inc.
- Baumer Group
- Eaton Corporation

Contents:
1. Photoelectric Sensors - Market Overview
2. Executive Summary
3. Photoelectric Sensors - Market Landscape
   3.1. Market Share Analysis
   3.2. Comparative Analysis
   3.2.1. Product Benchmarking
   3.2.2. End User Profiling
   3.2.3. Top 5 Financials Analysis
4. Photoelectric Sensors - Market Forces
4.1. Market Drivers
4.2. Market Constraints
4.3. Market Challenges
4.4. Attractiveness of the Photoelectric Sensors Market
4.4.1. Power of Suppliers
4.4.2. Power of Customers
4.4.3. Threat of New Entrants
4.4.4. Threat of Substitution
4.4.5. Degree of Competition
5. Photoelectric Sensors - Strategic Analysis
5.1. Value Chain Analysis
5.2. Pricing Analysis
5.3. Opportunities Analysis
5.4. Product/Market Life Cycle Analysis
5.5. Suppliers and Distributors
6. Photoelectric Sensors Market - By Technology
6.1. Retro-reflective
6.2. Diffuse and Through Beam
7. Photoelectric Sensors Market - By Type
7.1. Proximity photoelectric sensor
7.2. Fiber optic photoelectric sensors
7.3. Others
8. Photoelectric Sensors Market - By Application
8.1. Parking facilities
8.2. Elevators
8.3. Building Automation
8.4. Semiconductor Device
8.5. Packaging machines
8.6. Others
9. Photoelectric Sensors Market - By Geography:
9.1. Global Study
9.2. Americas
9.2.1. North America
9.2.2. Brazil
9.2.3. Argentina
9.2.4. Others
9.3. Europe
9.3.1. U.K.
9.3.2. France
9.3.3. Germany
9.3.4. Others
9.4. APAC
9.4.1. China
9.4.2. Japan
9.4.3. India
9.4.4. Others
9.5. ROW
10. Market Entropy
10.1. New Product Launches
10.2. M&As, Collaborations, JVs and Partnerships
11. Company Profiles
11.1. Autonics Corporation
11.2. Avago Corporation
11.3. Balluff Inc.
11.4. Baumer Group
11.5. Eaton Corporation PLC
11.6. IFM Electronic Ltd
11.7. Keyence Corporation
11.8. Omron Corporation
11.9. Panasonic Corporation
11.10. Rockwell Automation Inc.
11.11. Schneider Electric SE
11.12. SICK AG
*More than 40 Companies are profiled in this Research Report, Complete List available on Request*
**Financials would be provided on a best efforts basis for private companies**

12. Appendix
12.1. Abbreviations
12.2. Sources
12.3. Research Methodology
12.4. Bibliography
12.5. Compilation of Expert Insights
12.6. Disclaimer

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3820927/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Photoelectric Sensors Market Analysis: By Technology (Retro-reflective, Diffuse & Through Beam); By Type (Proximity, Fiber optic); By Application (Parking facilities, Elevators, Building Automation, Semiconductors)-With Forecast (2016-2021)

Web Address: http://www.researchandmarkets.com/reports/3820927/
Office Code: SCBR9PHL

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 5250</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 6250</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 8450</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number: 833 130 83
Sort code: 98-53-30
Swift code: ULSBIE2D
IBAN number: IE78ULSB98533083313083
Bank Address: Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: __________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World