Position Sensors - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Position Sensors in US$ Million. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World.

Annual estimates and forecasts are provided for the period 2013 through 2020. Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 98 companies including many key and niche players such as:

- Allegro MicroSystems Inc.
- ASM Automation Sensorik Messtechnik GmbH
- Balluff Inc.
- Bourns Inc.
- CTS Corporation

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
   Study Reliability and Reporting Limitations
   Disclaimers
   Data Interpretation & Reporting Level
   Quantitative Techniques & Analytics
   Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1. SENSOR INDUSTRY: AN INTRODUCTORY PRELUDE
   Table 1: World Market for Sensors (2012): Percentage Share Breakdown of Dollar Sales By Product Type (includes corresponding Graph/Chart)
   Market Structure
   Industry Consolidation: A Perennial Trend
   Competitive Structure
   Distribution Plays a Pivotal Role
   e-Commerce and Sensor Distribution
   Advanced Technologies Involved in Sensors Market
   Microelectromechanical Systems (MEMS)
   Fiber Optic Technology
   Magnetic Sensors
   Electromechanical Sensor Technology
   Complementary Metal-Oxide Semiconductor Sensors
   Key Statistical Findings

2. POSITION SENSORS: MARKET OVERVIEW & TRENDS
   Position Sensors Market: A Curtain Raiser
   Impact of the 2007-2009 Recession in Retrospect
   Market Growth Tested Once Again Between 2012 - 2014
   Demand for Position Sensors in US & Europe Comes Under Pressure During 2012 & 2013
   Table 3: Select Economic Indicators for US in 2012 & 2013 (includes corresponding Graph/Chart)
   Table 4: Select Economic Indicators for Europe in 2012 & 2013 (includes corresponding Graph/Chart)
   Developing Economies Too Weaken & Squeeze Demand for Position Sensors in first Half of 2014
   Optimism Prevails Over Growth Prospects for 2015 & Beyond
   Table 5: World Real GDP Growth Rates in % (2012 through 2015F): Breakdown by Country (includes corresponding Graph/Chart)
Table 6: EU Real GDP Growth Rates in % (2014 & 2015): Breakdown by Country (includes corresponding Graph/Chart)
Table 7: Purchasing Managers Index (PMI) in the Euro Area: Breakdown of Quarterly PMI Data for Select Countries for the Year 2014 (includes corresponding Graph/Chart)
Table 8: Key Business Indicators in the Euro Area for the First 3 Quarters of the Year 2014 (includes corresponding Graph/Chart)
Table 9: Purchasing Managers Index (PMI) in the US: Breakdown of Quarterly PMI Data for Select Countries for the Year 2014 (includes corresponding Graph/Chart)
Table 10: Key Business Indicators in the US for the First 2 Quarters of the Year 2014 (includes corresponding Graph/Chart)
Market Outlook
Improving Automotive Production to Benefit Automotive Position Sensors
Opportunity Indicators
Table 11: World Production of Passenger Cars: Breakdown of Annual Production Figures in '000' Units for Years 2014 & 2018 by Geographic Region/Country (includes corresponding Graph/Chart)
Table 12: World Production of Commercial Vehicles: Breakdown of Annual Production Figures in '000' Units for Years 2014 & 2018 by Geographic Region/Country (includes corresponding Graph/Chart)
Healthy Commercial Aerospace Outlook & Aircraft Production Provides Strong Opportunities for Growth
Opportunity Indicators
Table 13: Global Air Traffic Flow (in Billion Revenue Passenger Kilometers (RPKs) for the Years 2011, 2013E, 2015P & 2030P (includes corresponding Graph/Chart)
Table 14: World Average Aircraft Fleet Age (2013): Breakdown by Geographic Regions - Africa, Asia-Pacific, Europe, Latin America, Middle East and North America (includes corresponding Graph/Chart)
Table 15: World Market for Aircraft, Engines, Parts and Equipment (2013 & 2017) - Breakdown of Sales in US$ Million by Geographic Region (includes corresponding Graph/Chart)
Automation of Industrial Processes to Benefit Industrial Position Sensors
Growing Use of Industrial Robotics As an Automation Production Strategy Bodes Well for Position Sensors
Table 16: Global Industrial Automation Market (2014): Percentage Share Breakdown of Investments by Segment (includes corresponding Graph/Chart)
Table 17: Global Industrial Automation Market (2014): Percentage Share Breakdown of Investments by End-Use Sector (includes corresponding Graph/Chart)
Table 18: Global Industrial Automation Market (2014): Percentage Share Breakdown of Investments on Robot Technology by Country/Region (includes corresponding Graph/Chart)
Table 19: Global Market for Industrial Robotics (2014 & 2020): Breakdown of Annual Robot Sales in Units by Country/Region (includes corresponding Graph/Chart)
Position Sensors in Machine Tools to Witness Growth
Opportunity Indicators
Table 20: Global Machine Tools Market (2014): Breakdown of Sales in US$ Million and Percentage Share by Product Segment (includes corresponding Graph/Chart)
Table 21: Global Machine Tools Market: Compound Annual Growth Rate (CAGR %) for Dollar Sales by Region/Country for Period 2013-2020 (includes corresponding Graph/Chart)
Table 22: Global Machine Tools Market (2014): Percentage Share Breakdown of Dollar Sales by End-Use Industry (includes corresponding Graph/Chart)
Rapid Uptake in Smartphones, Tablet PCs and Other Consumer Electronics Drives Growth
Opportunity Indicator
Table 23: Global Market for Smartphones (2011, 2013, 2015 & 2018): Breakdown of Volume Sales in Million Units by Geographic Region (includes corresponding Graph/Chart)
Table 24: Global Market for Media Tablets: Annual Sales Figures (in Million Units) for years 2010, 2013 & 2018 (includes corresponding Graph/Chart)
Table 25: World Market for Android Operating System Platform (2012): Breakdown of Sales of Smartphones and Media Tablets Based on the Android platform (includes corresponding Graph/Chart)
Steady Growth in Oil & Gas Industry to Sustain Demand for Position Sensors Market
Rising Focus on Wind Energy to Benefit Position Sensors Used in Wind Turbines
Opportunity Indicator
Table 26: Global Installed Wind Energy Capacity (in Megawatts) by Geographic Region/Country (includes corresponding Graph/Chart)
Building & Home Automation: Another Potential Vertical for Position Sensors
Elevator Systems: An Important Area for Position Sensors in Building/Home Automation
Opportunity Indicator
Table 27: Global Elevators Market (2014E & 2020P): Breakdown of Unit Sales by Geographic Region/Country (includes corresponding Graph/Chart)
Prices to Decline in the Medium to Long-Term - Drive Volume Gains
Non-Contact Position Sensors Wax in Popularity
Smart Position Sensors Gain Market Acceptance
Table 28: Global Smart Sensors Market (2013): Percentage Share Breakdown of Dollar Sales by Product Segment (includes corresponding Graph/Chart)
Table 29: World Smart Position Sensors Market (2012): Percentage Share Breakdown of Dollar Sales by Geographic Region/Country (includes corresponding Graph/Chart)
Optical Position Sensors Poised to Further Widen their Market Footprint
Angular Position Sensors Gathering Steam
On-Chip Position Sensors Grow in Popularity
Table 30: World Market for Angular Position Sensors On-a-Chip (2015E): Breakdown of Sales by End-Use Applications (includes corresponding Graph/Chart)

3. PRODUCT/END-USE OVERVIEW
Sensor: A Generic Definition
Position Sensor: A Definition
Types of Position Sensors and their Applications
i) Mirror Position Sensor
ii) Exhaust Gas Recirculation/EGR Valve Position Sensors
iii) Potentiometric Position Sensors
Precision Potentiometer
iv) Hall Effect based Magnetic Position Sensors
v) Magnetic Field Sensors
vi) Magnetostrictive Position Sensors
vii) Position-compensation Sensors
viii) Optical Position Sensors
Fiber-Optic Position Sensor
IX) Eddy Current based Position Sensors
X) Select Linear Position Sensors
Inductive Linear Position Sensors
Linear Variable Differential Transformer (LVDT) Position Sensor
Capacitive Linear Position Sensors
Ultrasonic Linear Position Sensors
Types of Position Sensors Based on Functioning
Contact Position Sensors
Non-Contact Position Sensors
Select Key End-Use Applications
Automotive Industry
General Machinery/Machine Tools/ Process and Manufacturing Industries

4. PRODUCT INTRODUCTIONS/INNOVATIONS
Opto Diode Launches ODD-SXUV-DLPSD
MTS Systems Rolls Out Temposonics® A-Series “Duo” Linear Encoder
Novotechnik, U.S. Unveils PTP Series of Open Housing Position Sensors
Novotechnic Launches LWX-002 Series Shaft Protected Position Sensors
Reventec Develops AD-015 Linear Position Sensor
ams Rolls Out “47 Series” Magnetic Position Sensors
STMicroware Electronics Unveils LSM9DS1 Module
TURCK Rolls Out QR24 Rotary Position Sensor
Penny + Giles Unveils NRH275DR Rotary Position Sensor
Macro Sensors Rolls Out SSIR 937 Series Submersible LVDT Position Sensors
New Japan Radio Unveils Opt-Pass Optical Position Sensor
Digital Yacht Unveils GPS150 DualNav™ Positioning Sensor
Variohm EuroSensor Launches VLPSC Linear Position Sensor
TT Electronics Introduces MagnePot Non-Contact Rotary Position Sensors
Active Sensors Rolls Out Magni-Tec® Contactless Position Sensors
Melexis Unveils MLX90366 and MLX90367 Position Sensors
MTS Launches Temposonics® MH Agri Sensor
Truck Expands Linear Position Sensor Series
Micro-Epsilon Launches EDS Position Sensors
Honeywell Launches New SMART Position Sensor
Honeywell Unveils RTY Series Hall-Effect Rotary Position Sensors
Vishay Intertechnology Launches 20 LHE
Macro Sensors Designs Steel Mill LVDT Position Sensor
ASM Sensors Introduces WB25 Series of POSITAPE®
ASM Sensors Launches WB25 Tape Extension Position Sensor Series
ASM Sensors Introduces PRAS20/PRAS21 Series of Magnetic Rotary Sensors
Gill Sensors Develops New Contactless Throttle Pedal Position Sensor
Variohm EuroSensor Launches Model 9660 Hall Effect Rotary Position Sensor
Gill Sensors Launches Micro Position Sensors
Penny + Giles Unveils J1939 and CANopen Versions of SRH520CN
Melexis Introduces New MLX90365 Magnetic Position Sensor IC

5. RECENT INDUSTRY ACTIVITY
TE Connectivity Takes Over American Sensor Technologies
Alliance Sensors Group Inks Distribution Partnership with Cooper Instruments & Systems
Alliance Sensors Takes Over LVDT Products of Everight Sensors
Tri-Tronics Takes Over Photocraft
CTS Acquires D&R Technology
Symmetry and CambridgeIC Ink Distribution Agreement

6. FOCUS ON SELECT GLOBAL PLAYERS
Allegro MicroSystems Inc. (USA)
ASM Automation Sensorik Messtechnik GmbH (Germany)
Balluff Inc. (USA)
Bourns Inc. (USA)
CTS Corporation (USA)
Custom Sensors and Technologies Inc. (USA)
Curtiss-Wright Controls, Inc. (USA)
Gentech International Ltd. (UK)
Honeywell International Inc. (USA)
IFM Electronic Gmbh (Germany)
Infineon Technologies AG (Germany)
Macro Sensors (USA)
Melexis Microelectronic Integrated Systems N.V. (Belgium)
Micro-Epsilon (USA)
MTS Systems Corporation (USA)
Murata Manufacturing Company, Ltd. (Japan)
Novotechnik (Germany)
Panasonic Corporation (Japan)
Pipher Sensors & Controls SA (Spain)
SICK AG (Germany)
Siemens AG (Germany)
Sensata Technologies Holdings N.V (The Netherlands)
Stoneridge Inc. (USA)
TRW Automotive Holdings Corp. (USA)
Truck Inc. (USA)
Vishay Intertechnology, Inc. (USA)

7. GLOBAL MARKET PERSPECTIVE
Table 31: World Recent Past, Current & Future Analysis for Position Sensors by Geographic Region/ Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 32: World Historic Review for Position Sensors by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 33: World 15-Year Perspective for Position Sensors by Geographic Region/ Country - Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

III. MARKET
1. THE UNITED STATES
A. Market Analysis
Outlook
Improving Industrial Activity Bodes Well for Position Sensors
Growing Focus on Building and Home Automation Bodes Well for Position Sensors
Product Launches
Strategic Corporate Developments
Select Players
B. Market Analytics
Table 34: US Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 35: US Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
Outlook
B. Market Analytics
Table 36: Canadian Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 37: Canadian Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

3. JAPAN
A. Market Analysis
Outlook
Product Launch
Select Players
B. Market Analytics
Table 38: Japanese Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 39: Japanese Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

4. EUROPE
A. Market Analysis
Outlook
B. Market Analytics
Table 40: European Recent Past, Current & Future Analysis for Position Sensors by Geographic Region/Country - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 41: European Historic Review for Position Sensors by Geographic Region/Country - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 42: European 15-Year Perspective for Position Sensors by Geographic Region/Country - Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4a. FRANCE
A. Market Analysis
Outlook
B. Market Analytics
Table 43: French Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 44: French Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

4b. GERMANY
A. Market Analysis
Outlook
Huge Industrial Base Makes Germany the Largest Regional Market for Position Sensors
Product Launches
Select Players
B. Market Analytics
Table 45: German Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 46: German Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

4c. ITALY
A. Market Analysis
Outlook
B. Market Analytics
Table 47: Italian Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 48: Italian Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

4d. THE UNITED KINGDOM
A. Market Analysis
Outlook
Product Launches
Gentech International Ltd. - A Key Player
B. Market Analytics
Table 49: UK Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 50: UK Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

4e. SPAIN
A. Market Analysis
Outlook
Piher Sensors & Controls SA - A Key Spanish Player
B. Market Analytics
Table 51: Spanish Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 52: Spanish Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

4f. RUSSIA
A. Market Analysis
Outlook
B. Market Analytics
Table 53: Russian Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 54: Russian Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

4g. REST OF EUROPE
A. Market Analysis
Outlook
Product Launches
Select Players
B. Market Analytics
Table 55: Rest of Europe Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 56: Rest of Europe Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC
A. Market Analysis
Outlook
Outsourced Manufacturing Activity Spurs Demand in Developing Markets
B. Market Analytics
Table 57: Asia-Pacific Recent Past, Current & Future Analysis for Position Sensors by Geographic Region/Country
China, India, South Korea and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 58: Asia-Pacific Historic Review for Position Sensors by Geographic Region/Country - China, India, South Korea and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 59: Asia-Pacific 15-Year Perspective for Position Sensors by Geographic Region/Country - Percentage Breakdown of Dollar Sales for China, India, South Korea and Rest of Asia-Pacific Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

5a. CHINA
A. Market Analysis
   Outlook
   Huge Industrial/Manufacturing Base Makes China a Lucrative Market for Position Sensors
B. Market Analytics
   Table 60: Chinese Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 61: Chinese Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

5b. INDIA
A. Market Analysis
   Outlook
B. Market Analytics
   Table 62: Indian Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 63: Indian Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

5c. SOUTH KOREA
A. Market Analysis
   Outlook
B. Market Analytics
   Table 64: South Korean Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 65: South Korean Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

5d. REST OF ASIA-PACIFIC
A. Market Analysis
   Outlook
B. Market Analytics
   Table 66: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 67: Rest of Asia-Pacific Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

6. LATIN AMERICA
A. Market Analysis
   Outlook
B. Market Analytics
   Table 68: Latin American Recent Past, Current & Future Analysis for Position Sensors Market by Geographic Region/Country
   Brazil and Rest of Latin American Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 69: Latin American Historic Review for Position Sensors Market by Geographic Region/Country - Brazil and Rest of Latin American Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
   Table 70: Latin American 15-Year Perspective for Position Sensors Market by Geographic Region/Country - Percentage Breakdown of Dollar Sales for Brazil and Rest of Latin American Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

6a. BRAZIL
A. Market Analysis
   Outlook
B. Market Analytics
   Table 71: Brazilian Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 72: Brazilian Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
6b. REST OF LATIN AMERICA
A. Market Analysis
Outlook
B. Market Analytics
Table 73: Rest of Latin America Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 74: Rest of Latin America Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

7. REST OF WORLD
A. Market Analysis
Outlook
B. Market Analytics
Table 75: Rest of World Recent Past, Current & Future Analysis for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 76: Rest of World Historic Review for Position Sensors Market Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE
Total Companies Profiled: 98 (including Divisions/Subsidiaries - 130)
The United States (48)
Canada (2)
Japan (5)
Europe (67)
- France (5)
- Germany (23)
- The United Kingdom (18)
- Italy (3)
- Spain (3)
- Rest of Europe (15)
Asia-Pacific (Excluding Japan) (8)

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: Position Sensors - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/2498177/
Office Code: SCDKBIA6

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

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>Single User:</td>
<td>USD 4950</td>
</tr>
<tr>
<td></td>
<td>1 - 5 Users:</td>
<td>USD 6930</td>
</tr>
<tr>
<td></td>
<td>1 - 10 Users:</td>
<td>USD 9405</td>
</tr>
<tr>
<td></td>
<td>1 - 15 Users:</td>
<td>USD 11880</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:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

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