

Asia Pacific Tilt Sensors Market (2019-2025)

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Abstracts

The Asia Pacific Tilt Sensors Market would witness market growth of 9.6% CAGR during the forecast period (2019-2025). There is a rising emphasis on safety regulations throughout the Asian Pacific region, with a significant number of infrastructure projects in the pipeline. To ensure maximum safety and proper functioning, all heavy vehicle manufacturers of cranes lift platforms, and other types of construction and agricultural equipment are expected to integrate sensors to their machines. In addition, manufacturers of industrial equipment must comply with government regulations concerning the equipment's Electro Magnetic Compatibility (EMC).

Tilt switches were previously manufactured mostly from mercury, but are now rarer as they are known to be extremely toxic. The advantages of mercury are that the blob is thick enough that it doesn't bounce and therefore the switch isn't vulnerable to vibrations. Ball-type sensors, on the other hand, are easy to make, will not shatter, and do not pose any risk of pollution. Although not as precise or versatile as a complete accelerometer, tilt switches will simply detect movement or orientation. Another advantage for them is that the big ones can switch power by themselves. Accelerometers output digital or analog voltage must be analyzed with additional circuitry.

Based on Material Type, the market is segmented into Non-Metal and Metal. Based on Technology, the market is segmented into MEMS, Fluid-filled and Force Balanced. Based on Application, the market is segmented into Construction & Mining, Automotive & Transportation, Aerospace & Defense, Telecommunications and Others. Based on countries, the market is segmented into China, Japan, India, South Korea, Singapore, Malaysia, and Rest of Asia Pacific.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include The Fredericks Company, Balluff GmbH,

Baumer Holding AG, Sick AG, IFM Electronics GmbH, Jewell Instruments LLC, Meggitt Plc., Murata Manufacturing Co., Ltd., TE Connectivity Ltd. and MEMSIC, Inc.

Scope of the Study

Market Segmentation:

By Material Type

Non-Metal

Metal

By Technology

MEMS

Fluid-filled

Force Balanced

By Application

Construction & Mining

Automotive & Transportation

Aerospace & Defense

Telecommunications

Others

By Country

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

Companies Profiled

The Fredericks Company

Balluff GmbH

Baumer Holding AG

Sick AG

IFM Electronics GmbH

Jewell Instruments LLC

Meggitt Plc.

Murata Manufacturing Co., Ltd.

TE Connectivity Ltd.

MEMSIC, Inc.

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