**New Miniature Piezo Force Sensor PACEline CFTplus Covers Huge Measuring Range**

**(January 27, 2019) - HBM’s new PACEline CFTplus series of piezoelectric force transducers is an ideal choice for making measurements in the production and manufacturing sectors. CFTplus sensors are particularly suitable for covering very large measuring ranges, for e.g., when using presses with a large measuring range.**

The CFTplus series’ piezoelectric force transducers are calibrated for three measuring ranges and, thus, can be used immediately upon installation. A calibration procedure does not become necessary at all. Its sensitivity is specified in three measuring ranges (1 %, 10%, and 100 %) to guarantee a wide measuring range.

An extremely wide measuring range is typical for the piezoelectric measuring principle. Minimal forces can be reliably measured even under a high initial load.

The CFTplus series force sensors have a minimal displacement, which is why the fundamental frequency is immensely high. Therefore, they are particularly suitable for measuring fast processes, such as press-fit processes.

The EMC-tested force measuring elements are manufactured from rust resistant materials.

HBM offers a comprehensive portfolio of piezoelectric sensors, charge amplifiers, and accessories for force measurement under the brand name “PACEline”. Additionally, numerous load cells that are based on the strain gauge technology are available in different configurations and precision levels. Customers, therefore, have the choice to select the best possible force measurement solution from a single source.

**About HBM Test and Measurement**

HBM is the worldwide technology and market leader in the field of test and measurement, weighing technology. HBM’s product range comprises solutions for the entire measurement chain, from sensors through electronics to analysis and simulation software as well as associated services. The company has production facilities in Germany, USA, China and Portugal and is represented in over 80 countries worldwide. HBM currently employs a total of 1,800 staff.

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