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Field test results of self-calibrating cryogenic mass flow meter WEKASENSE

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WEKA developed together with Karlsruhe Institute of Technology (KIT) a mass flow meter for cryogenic applications. The sensor is based on a new thermal measurement principle developed and verified by KIT. After successful validation of the self-calibrating capability of the sensor at cryogenic conditions in the TOSKA facility in Karlsruhe, the sensor was installed in several field test applications.

This poster explains the functional principle of the sensor, its main advantages compared to existing solutions and focuses on the experiences and results that were gained from field test installations in different cryogenic facilities.

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