SAGEMCOM

Digital electricity meter
Siconia^{TM} SMARTY BZ is approved

Hamburg, XXth April 2019

THE SMART ELECTRICITY METER SICONIA^{TM} SMARTY BZ, DEVELOPED BY SAGEMCOM DR. NEUHAUS, RECEIVES EUROPEAN MID CERTIFICATION. SAMPLES ARE NOW AVAILABLE FOR GERMAN ENERGY PROVIDERS FOR LAB TESTING .

The approval of the digital three-phase meter was preceded by an extensive multi-stage test procedure. In the type examination according to Module B, it has been proven that the Siconia^{TM} SMARTY BZ respectively its LMN interface fulfils the PTB requirements 50.8 for measurement and calibration. With the receipt of Module D for Sagemcom's own production facility, the second approval stage was successfully completed, so that the new smart meter can now be launched on the German market.

"The Siconia^{TM} SMARTY BZ offers the market an innovative and cost-optimized electricity meter. With more than 18 million smart meters installed worldwide, Sagemcom has comprehensive smart metering know-how in the areas of development, production and delivery. This knowledge has been intensively incorporated into the development of the Siconia^{TM} SMARTY BZ meter, from which our customers now benefit," explains Jan-Marvin Keilig, product manager at Sagemcom Dr. Neuhaus GmbH. "As a special feature, the meter can be produced in customer-specific housing colours. In the context of the digitalization of the energy sector, a simple electricity meter is developing into a high-quality and useful infrastructure component which deserves a certain perceptibility."

In its construction as a 3-point meter, the Siconia^{TM} SMARTY BZ is a legally compliant modern metering device (mME) for the German market and was developed on the basis of the current FNN specifications for digital electricity meters. Its direct measuring Shunt measuring unit makes it resistant to magnetic manipulation. The Siconia^{TM} SMARTY BZ is available in the following product variants: one-directional meter with backstop and bidirectional meter – each in 60A and 100A versions. In the device configuration, the customer has the option of additionally activating the readout of RLM metering values, which are not relevant for billing, as well as the grid function, which provides information relevant for the network operation.

The certified meter from Sagemcom Dr. Neuhaus is suitable for the smart meter rollout in Germany. In combination with a smart meter gateway, the smart meter forms the so-called smart metering system (iMSys). As a solution provider for the entire iMSys, customers can purchase the digital electricity meter pre-assembled with a Siconia^{TM} SMARTY IQ gateway.