

Lahnau, May 2025

## **Energy in transition - solutions for tomorrow**

### **What does Janitza stand for? Which solutions and industries are relevant?**

Janitza from Lahnau develops and produces innovative energy measurement technology that supports companies in optimizing their energy efficiency and ensuring a stable power supply. Our portfolio includes intelligent measurement devices that harmonize perfectly with our power grid monitoring software GridVis®, as well as high-quality system components.

Companies across all industries benefit from our solutions - whether data centers, manufacturing industry, energy suppliers, renewable energies or buildings & infrastructure. Our focus is on energy data management, power quality monitoring, load management and residual current monitoring (RCM) - all from a uniform, powerful system environment "Made in Germany".

### **Energy transition: What role does it play for Janitza, and what contribution can the company make?**

Janitza plays an active role in the energy transition: Achieving CO<sub>2</sub> neutrality is an established corporate goal. To this end, we have worked with the service provider Climate Partner to balance all processes in the company in accordance with the Greenhouse Gas Protocol, the world's most recognized standard for CO<sub>2</sub> balancing. We included all three scopes in the assessment, both the direct emissions from the use of energy sources and all upstream and downstream emissions along the entire value chain. Certification means that Janitza demonstrably records its greenhouse gas emissions. To this end, reduction strategies are implemented and the remaining emissions are offset through recognized compensation projects and communicated transparently. In practice, this means investing in photovoltaics and geothermal energy and the consumption of green electricity.

In addition to our own efforts to reduce our CO<sub>2</sub> emissions as much as possible, Janitza solutions and products can also help our customers achieve their decarbonization goals: By recording and analyzing the consumption of all consumption media in order to identify potential savings and derive appropriate measures. The company is thus turning into a specialized industry provider for comprehensive energy solutions, including the corresponding hardware and the GridVis software®. This also allows customers to take a big step towards sustainable energy management. Because every kWh not consumed saves emissions.

### **AI and high energy consumption: what solutions does Janitza offer?**

The topic of artificial intelligence is undoubtedly fascinating, but its high energy consumption poses a considerable challenge. This is precisely where Janitza comes in with its solutions: Our focus is on creating complete transparency in energy consumption. With our energy management systems and devices, we enable companies and therefore also data centers or their operators to monitor their energy demand with the utmost precision, identify inefficient processes and carry out targeted optimizations.

By using intelligent measuring and monitoring technology, energy losses can be minimized and potential savings realized. In this way, we not only support the sustainable management of increasing energy demand through AI, but also make a contribution to the energy transition. The result: companies can operate more energy-efficiently, reduce costs and protect the environment at the same time. Janitza sees itself as a partner for companies that want to play an active role in shaping the energy transition and at the same time make sustainable use of the opportunities offered by AI technology.

### **Future prospects: Where does Janitza see future areas of application?**

In the future, the global demand for energy will continue to rise - not least due to the enormous expansion of artificial intelligence and data centers worldwide. By continuously analyzing consumption data and deriving appropriate measures, systems can be operated more efficiently, reducing both costs and CO<sub>2</sub> emissions.

At the same time, a reliable power supply plays a central role. By continuously analyzing power quality, potential problems or deviations in the networks that could affect the operational performance and reliability of plants or systems can be identified. This minimizes outages and increases availability.

With a strong presence in Germany and Europe and a growing market share in the USA, Janitza is well positioned to continue its global expansion. With increasing demand in fast-growing industries, the company will continue to expand its leading role in energy measurement technology globally and drive the development of sustainable, energy-efficient solutions.

### **The path to a sustainable energy future - challenges and opportunities**

(Statement by Axel Hessenkämper | CEO Janitza electronics GmbH)

We need an integrated approach here: in addition to increasing efficiency, we need to invest in expanding renewable energies and switching to smart energy consumption systems. Janitza offers innovative measurement technology to precisely record and optimize energy flows. This enables companies to increase their energy efficiency, reduce consumption and therefore costs, and cut their CO<sub>2</sub> emissions.

#### **Janitza electronics GmbH**

Janitza electronics GmbH is a German company that manufactures measurement technology and systems for energy measurement and support for effective energy use and cost savings. As a world-renowned manufacturer of grid monitoring and energy measuring devices and digital panel meters, the company stands for the highest quality standards and innovation. In-house software solutions and comprehensive services round off the range. The measurement devices, GridVis® software and components combine energy data management, power quality monitoring, load management and Residual Current Monitoring (RCM) in a common system environment - Made in Germany.

Products are manufactured according to the latest findings using state-of-the-art production technology. Quality management is a continuous, entrepreneurial management task at Janitza. Comprehensive know-how, competent advice and concept development through to the commissioning of customized solutions meet the wishes and requirements of customers.

<https://www.janitza.com/en/>

## Picture selection

Image 1: Axel Hessenkämper | CEO Janitza electronics GmbH



Image 2: Janitza uses energy management at the Lahnau site



Figure 3: Janitza is a leading supplier of devices and software for energy measurement technology



Optional 1: Janitza company building Lahnau



Image source: Janitza electronics GmbH

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