

## Focused on the Future

### New Setup for Current Sensors

HANAU – VACUUMSCHMELZE (VAC) is the leading manufacturer of advanced magnetic materials and product solutions refined from them, which expand technical possibilities and thus enable new developments within a wide range of applications. The electrification of the world is advancing in almost every industry, which has led to a rapid increase in the demand for high precision current sensors. In order to further expand our leading position in this field, VAC has now defined a team that is fully focused on the development of these solutions.



We are pleased to announce the establishment of our new Product Management Team for Sensors to further strengthen VACs focus on this part of the business. The new team combines all activities in the field of current sensors in one hand. The aligned setup enables us to respond rapidly to upcoming market trends and to work with customers in a highly efficient manner. We strive to quickly react to innovative ideas arising from the front-line business and reflect them in our business initiatives and in our product portfolio to continuously support global megatrends of Renewable Energy, E-Mobility, EV-Charging and Industrial Electrification.

Dr. Dieter Nützel was appointed as Head of Product Management Sensors. Dr. Nützel worked for VAC in China for more than twelve years and returned to the headquarter in Hanau for his new role. Since 2010 Dr. Nützel served in different positions in Asia, finally as Director Sales Asia/China. In his former position, he already played a key role in multiple product developments and in shaping VACs current sensor business. Dr. Nützel will now be applying the same leadership and current sensor experience he fostered in Asia at a global scale.

*“VAC is at the forefront of current sensor technology. I have had the pleasure of working closely in the field with Dieter during his time in Asia. The intensity and focus he brought to the market was pivotal to VAC's success in this space. Not just in terms of revenue, but more importantly ensuring our customers were being heard, and their requirements captured in our R&D process for next generation solutions.”*

Scott Pelhank, Vice President Sales of VAC.

The applications of the high-precision sensors range from charging infrastructure for e-vehicles, renewable energies, to frequency converters for industrial drives. In addition to high accuracy at both very low and very high currents, VAC's products are also characterized by very low temperature dependence. The first focus of the activities of Dr. Nützel and his team will be the establishment and the further development of the new series of Open-Loop-Sensors developed together with the US semiconductor manufacturer Allegro MicroSystems. The development of the new product generation of our benvac sensors for EV-charging infrastructure will also be driven forward.



*VAC Open-Loop-Sensors*

VACUUMSCHMELZE (VAC) is among the world's most highly innovative developers of magnetic materials, inductive components and other related products. With a global network of Sales and Field Application Engineers, VAC designs and manufactures tailor-made solutions for a wide variety of industries, comprising renewable energies, automotive, industrial automation installation technology, and aviation.