

## Wieland and Munich Electrification combine their expertise in joint brand QULECTRA

- Joint venture offers advanced battery sensors for e-mobility applications
- Combination of materials and electronics expertise
- Market launch of the products at end of September

At the beginning of July 2022, "Wieland and Munich Electrification GmbH" was founded, which resulted from a partnership of several years between Wieland-Werke AG and Munich Electrification GmbH. The two companies combine their competencies in the field of shunt precision resistors for a wide variety of battery management systems in applications in the field of electromobility under the brand "QULECTRA".

"The combination of materials and electronics know-how enables us to successfully position the joint venture in the field of battery sensors in order to participate even more heavily in the megatrend of e-mobility in the future," explained Roman Vorndran, President of the Wieland Group's Business Unit Engineered Products. Shunt-based precision resistors are used in numerous automotive, industrial and private applications for current and voltage monitoring in energy systems.

### **Combining materials and electronics expertise**

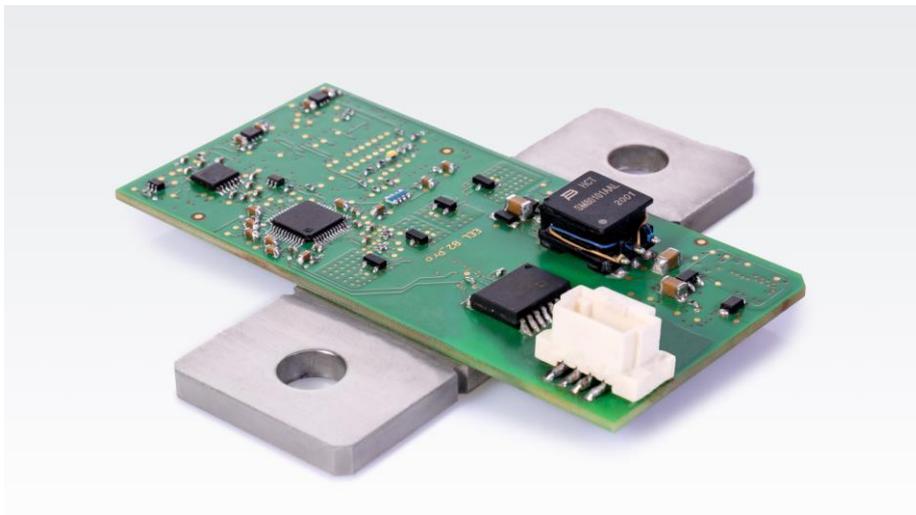
With QULECTRA, Wieland and Munich Electrification are jointly taking the next step in the development of precise current sensors with the highest safety requirements, which are pioneering for a sustainable future – especially with regard to increasing networking and the electrification of traffic and transportation.

Both companies are combining their strengths in this newly founded start-up: on the one hand, 200 years of experience in the field of copper materials and processing into customer-specific components, and on the other hand, solid expertise in the field of battery electronics development.

## Product launch

The market launch of the QULECTRA products starts at the end of September. Sensors will be available in two versions - as a basic solution (Q-Basic) and as a smart variant (Q-Smart) with additional software functions. "It is the right way forward to bundle tradition and innovative power at eye level in this joint company. Our customers can already look forward to exciting new products from QULECTRA," underlines Georg Friedrich Graf, CEO of Munich Electrification.

## Picture material



The Q-Smart sensor is one of the new joint venture's first flagship products.

## About Wieland

Wieland is one of the world's leading suppliers of semi-finished copper and copper alloy products. With a global network of production sites, service, and trading companies, the company offers a broad product, technology, and service portfolio. From prototype to series production, Wieland develops solutions for automotive, electronics, refrigeration, air conditioning, and other industries. Wieland uses high-performance copper materials to drive the success of its B2B customers in future-oriented fields such as electromobility, connectivity, and urbanization. High technical competence, customer-oriented thinking, and sustainability determine their actions and have been the basis of the company's success since 1820.

## About Munich Electrification

Munich Electrification GmbH is a young company that has the development of sustainable battery management systems and electronics in its DNA. Munich Electrification GmbH offers state-of-the-art methods in software and electronics development and has profound knowledge of passionate professionals from 24 nations who have already worked for automotive manufacturers such as Tesla, Porsche, Daimler and BMW.

## Wieland in brief

### Headquarter

Graf-Arco-Straße 36 | 89079 Ulm | Germany

### Facts

\*1820 in Ulm, Germany | Sales: 748 kt | Turnover: appr. 5.4 bn. € | Locations: 80 | Employees appr. 8000 [FY20/21 figures of the Wieland Group]

### Executive Board

Dr. Erwin Mayr, CEO | Gregor Tschernjavski, CFO

### Chairman of the Supervisory Board

Fritz-Jürgen Heckmann

# Press Release



For further information, please contact

## **Wieland Group**

Adriana Williams | Vice President Marketing & Communications  
Graf-Arco-Straße 36 | 89079 Ulm | Germany  
P +49 152 28403220 | [adriana.williams@wieland.com](mailto:adriana.williams@wieland.com)

## **QULECTRA**

Michael Wolf | General Manager  
Landaubogen 1 | 81373 Munich | Germany  
P +49 152 57933467 | [michael.wolf@qulectra.com](mailto:michael.wolf@qulectra.com)

## **Munich Electrification GmbH**

Uwe Wiedemann | Managing Director Sales & Business Development  
Landaubogen 1 | 81373 Munich | Germany  
P +43 664 430 429 0 | [u.wiedemann@munichelectrification.com](mailto:u.wiedemann@munichelectrification.com)

[wieland.com](http://wieland.com)

[munichelectrification.com](http://munichelectrification.com)

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