

CURRENT AND VOLTAGE MEASUREMENT



PRECISION MEASUREMENT



CURRENT AND VOLTAGE MEASUREMENT SENSOR FOR HIGH-VOLTAGE APPLICATIONS

To determine the state of charge (SoC), state of health (SoH) and state of function (SoF) in electric and hybrid vehicles.

INDIVIDUALITY MEETS INNOVATION

The field-tested IVT-S solution offers a variety of configurations, all of which guarantee galvanic isolation up to 1,000 V and communicate via CANbus. Able to operate at up to 2,500 A (between -40 °C and +105 °C), the IVT-S can provide continuous measurements to a degree of 0.1% accuracy of reading thanks to its temperature calibration. The three voltage measurement channels can be used for battery or relay monitoring, while the temperature sensors within the module ensure greater safety and precision.



ISABELLENHÜTTE

Innovation by Tradition

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