

Amphenol

Advanced Sensors

in collaboration with

Menschen haben Sinne
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Amphenol Advanced Sensors (AAS), headquartered in St. Mary's, Pennsylvania, is a business unit within Amphenol that produces innovative sensor solutions for temperature, pressure, gas and moisture measurement applications.

As part of AAS, Intelligente Sensorsysteme (i2s) has been supporting Amphenol Thermometrics on the recruiting process for this position, which will have a German employment contract and will be located at i2s' office in Dresden.

Reporting directly to the European Technology Manager, you will have a fantastic opportunity to be part of a growing team in the region and you will count on a full support from other regions' colleagues to learn about our products and our product development internal processes.

When you join our global engineering team as a Product Design Engineer, you will be responsible for driving growth of the Temperature product line in the European region and for accelerating the pace of the group's diversification and innovation to the next level.

The aim is to set up an intercultural team in Dresden, which will process customer questions in a satisfactory manner, among other tasks. To do this, we need people with relevant Product Design Engineering experience who are passionate about identifying and driving a need for change.

From now we are looking for a:

Mechanical Design Engineer (m/f/d)

Essential Responsibilities

- Provide technical and application solutions for busbar module assembly / cell connection systems for electric vehicle (EV) and hybrid electric vehicle (HEV) applications.
- Work with field application engineers, business development managers and sales account managers to deliver product design concepts and proven technology to the customer.
- Review customer application requirements and provide AAS's design solution and recommendations.
- Own all technical aspects (mechanical design, analysis, cost, functionality) and be responsible for developing and delivering upgrades and enhancements that meet all the planned reliability and technical specifications.
- Strong customer orientation for real time communication and solving design issues.
- Take the lead for engineering collaboration with global engineering teams for design, validation and customer engineering interface.
- Apply Advanced Sensors' Temperature technology to given applications to provide customer solutions
- Benchmarking and tear-down analysis (focus on new technologies and design optimizations)
- Leveraging lessons learned and working with other design engineers to develop design building blocks for the applications
- Design mechanical models using SolidWorks
- Experience with finite element analysis
- Design concept validation through prototype build and tests
- Design Validation (DV) & Product Validation (PV) planning and completion
- Manage design engineering tasks / deliverables on time and on budget

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Qualifications

- Experience with battery pack assembly and components for EV/HEV applications
- Flexible printed circuit board/assembly (FPC/FPCA) design or related application experience
- BA or BSc Degree in Mechanical Engineering
- Fluency in English and German
- Minimum 10 years of engineering experience within product development, custom product engineering and application engineering
- Experience with APQP, DFMEA's, Control Plans
- Experience working within a structured new product development process (design reviews, tollgates, peer reviews, customer signoffs)
- Demonstrated ability to collaborate with customers, foster relationships and grow business pipeline

Interested?//

Then send your informative application documents in **English**, stating your desired salary and your earliest possible starting date, by email to:

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