

(Senior) Development Engineer Tire Sensors (m/f/d) - REF75012M

Ihre Aufgaben

In 2013 “Conti Pressure Check”, the Tire Pressure Monitoring System (TPMS) for commercial vehicles by Continental, was rolled out. It is one of the first systems with a sensor attached to the tire. The systems capabilities will expand permanently, meanwhile, for example, the customer could check tire status online via Conti Connect and the latest sensor generation is able to communicate additionally via Bluetooth.

We want to strengthen our team by improving our capabilities to steer the development of electronics (e.g. sensors) and embedded software for such. **Focus is on Hardware development.**

Your tasks in detail:

- Steer development of automotive electronics and embedded software, especially of TPMS sensors
- Transmit given requirements, especially of sensors but not exclusively, into specifications
- Transmit specifications into a development plan with dedicated work packages, including needed resources and needed competencies
- Create or release test plans for sensors and other electronics
- Development of technical/electronic/software based solutions, incl. concept generation, evaluation of solution proposals, steering of realization
- Generate design of innovative approaches under consideration of state of the art technologies with the target to get, to use and/or to transmit information about the tire
- Leading complex projects and ensure releases according to given rules
- Steering of internal and external supplier
- Creation of reports and documentation

Ihr Profil

- Academic degree in electronics, mechatronics or comparable qualification
- Several years of professional experience in automotive electronic development, optimally in tire sensor (TPMS) development
- Deep knowledge in all steps and areas of TPMS sensor development and testing
- Knowledge about transmission technologies (e.g. 433MHz based, Bluetooth)
- Knowledge about relevant standards (e.g. ISO 26262, ISO 21434)
- Practical experience in electronics e.g. sensors, embedded controller
- Advanced programming knowledge
- Experienced in project managements
- Good German and English Language skills (written and spoken)



Job ID

REF75012M

Arbeitsbereich

Forschung und Entwicklung

Standort

Hannover

Leadership Level

Leading Self

Job Flexibilität

Onsite Job

Ansprechpartner

Philipp Meinen

Rechtliche Einheit

Continental Reifen Deutschland GmbH

- Self motivated, openness and responsibility awareness

Applications from severely handicapped people are welcome.

Unser Angebot

We offer the following benefits:

- Salary based on Chemical Industry Tariff / Potential to an out of Tariff salary contract
- 30 day of paid vacation per year
- Three extra days per year for individual use (called: future value) - tariff only
- Attractive career development opportunities
- We offer balanced working conditions by doing mobile work, working part-time, flexible working time as well as Sabbatical options
- Cross-Border mobile work options up to 40 days per year from other EU countries
- Company Pension plan
- Attractive employee benefits with discounts
- Diverse offers that support a better “work-family” balance (e.g. company childcare places and free emergency care for your children)
- Discounted offer for accessing sport facilities across Germany via Hansefit
- A highly diverse environment across our location
- A new canteen on site with a variety of lunch options

If this sounds like a perfect match for you and if you want to become the next supporter of our core values: **Trust, for one another, passion to win and freedom to act** - we are looking forward to receiving your application.

[Diversity, Inclusion & Belonging](#) are important to us and make our company strong and successful. We offer equal opportunities to everyone - regardless of age, gender, nationality, cultural background, disability, religion, ideology or sexual orientation.

Ready to drive with Continental? Take the first step and fill in the online application.

Über uns

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2024, Continental generated sales of €39.7 billion and currently employs around 190,000 people in 55 countries and markets.

With its premium portfolio in the car, truck, bus, two-wheel and specialty tire segment, the Tires group sector stands for innovative solutions in tire technology. Intelligent products and services related to tires and the promotion of sustainability complete the product portfolio. For specialist dealers and fleet management, Tires offers digital tire monitoring and tire management systems, in addition to other services, with the aim of keeping fleets mobile and increasing their efficiency. With its tires,

Continental makes a significant contribution to safe, efficient and environmentally friendly mobility.