

## Senior Mechanical Development Engineer

Leuze electronic Private Limited

3-7 years

Bangalore, India

### About Leuze Electronic

With curiosity and determination, we – the Sensor People from Leuze – have been innovators for technological milestones in industrial automation for more than 50 years. The success of our customers is what drives us along with our work future-oriented work, Leuze continuously sparks new ideas thus actively contributing to progress within the industry.

Website: [www.leuze.com](http://www.leuze.com)

Below are the Key Responsibilities but not limited to:

### Key Responsibilities & Duties:

- Lead the design of industrial sensors from initial idea through to series production, ensuring that performance, cost and manufacturability objectives are met.
- Create detailed 3D models and 2D drawings using CAD software for mechanical components and assemblies.
- Take responsibility for mechanical project management within interdisciplinary and international teams including external partners.
- Conduct product verification and modify the product based on test results ensuring compliance with industry standards (e.g., CE, UL).
- Conduct feasibility studies, risk assessments, and cost-benefit analysis to support decision-making.
- Create detailed design documentation, including drawings, specifications and test procedures to communicate results and status within the organization and to external partners
- Support products throughout the entire lifecycle from development to production support
- Identify suitable suppliers and lead supplier qualification

### Qualifications:

- Master's degree in mechanical engineering or a related field.
- 3-7 years of experience in designing and developing industrial sensors.

#### Technical Skills:

- Proficiency in mechanical design and precision mechanics
- Strong mechanical system design capabilities with a focus on materials, tolerances and thermal management
- Hands-on knowledge in CAD software for mechanical design (preferably Siemens NX)
- Knowledge of GD&T (preferably ISO 8015)
- Proven knowledge in the evaluation of solutions against industry standards (CE-Compliance)
- Experience in engineering simulation tools is a plus.

#### Soft Skills

- Strong problem-solving and analytical skills.
- High degree of independence and a systematic way of working
- Attention to detail and ability to manage multiple projects simultaneously.
- Excellent communication and teamwork abilities.
- Ability to prioritize tasks effectively and manage multiple assignments.
- Willingness to take on responsibility and implement ideas with great commitment.

