

TALENTED AND HIGHLY MOTIVATED MECHANICAL ENGINEER for DANISENSE A/S in TAASTRUP

Are you ready to push the limits of the Flux-gate current sensing technology and design some of the best current transducers the world has ever seen? Then do consider this fantastic job opportunity at Danisense A/S in Taastrup and join us on the journey for improving the life for millions of people around the world each and every day.

OUR CURRENT SENSING TECHNOLOGY AND PRODUCTS ARE GAME CHANGER

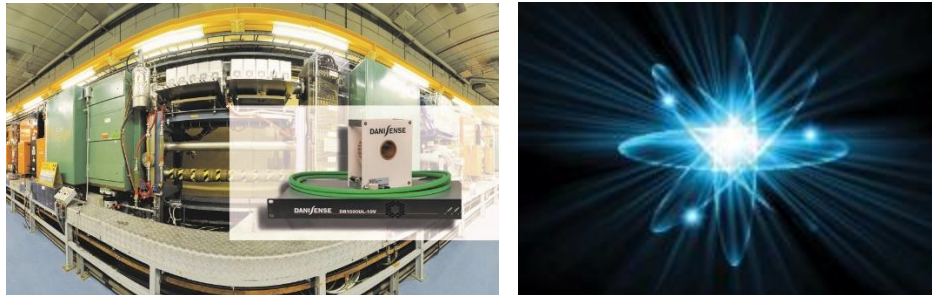
Danisense Flux-gate current transducers can be found in the MRI scanners from several leading brands, generating crystal clear and crisp images from the inside of the human body and helping the medical staff at the hospital to rapidly diagnose the patients' disease and prescribe life-saving treatment plans. The development of MRI has truly revolutionized medicine, medical procedures and research, improving by far the quality of living for many people experiencing health issues. Danisense has been supporting this revolution with the high-precision current transducer products from the very beginning of the company and we continue delivering high-end current measurement solutions that push the MRI frontiers beyond what has been possible earlier.



Danisense current transducer are also playing an important role in the inevitable transition from the fossil fuels to renewable energy and clean transportation using electrical vehicles. Our products can be found for example in some of the leading R&D laboratories in the Industry and at Universities, where they are being used as reference instrument when performing testing and validation of the performance of power converters, electrical motors and generators, batteries etc. Danisense current transducers are an important part of the test benches running 24/7 on the factory floor of many EV manufacturers, making sure that all electrical vehicles leaving the factory are safe and perform according to specification, reducing the CO2 emissions for slowing down climate changes and revolutionizing the transport sector.



Our high-end line of current transducers featuring extremely high accuracy, high immunity and low drift are delivered today to leading particle accelerators like e.g. CERN for upgrading their facilities by pushing the limits of the current measurement technology and helping the science of Physics in seeking answers to the fundamental questions of the mankind about “What is the nature of our Universe?” and “What is it made of?”. With our innovative products we are making possible the technology breakthroughs coming from all these research institutions, that eventually are going to shape positively the future of the humanity in so many unpredictable ways.



Last but not least, Danisense is recognized by industry as the leading supplier of high-precision current transducers and therefore we have partnered with many manufacturers of Test and Measurement equipment who bundle our products with their power analyzers and other advanced measurement instruments to bring together the best of the two worlds. This gives us a lot of space and initiative to “play” and investigate advanced current measurement solutions to stay at the forefront of the flux-gate current sensing technology for the benefit of a whole bunch of other industries.



YOU BRING YOUR KNOWLEDGE AND MOTIVATION TO A PLACE WHERE IT MAKES DIFFERENCE

We are looking for our newest addition to already well functioning R&D team, which is part of a rather flat Danisense organization characterized by very informal tone, short decision processes and high transparency. R&D team works closely together with Sales & Marketing, Supply Chain and Production departments with the goal of helping each other to deliver world-class products and services in several structured and fast-paced New Product Development projects, as well as running more fundamental Technology Development investigations. We are also maintaining the existing product lines by providing technical support both to internal stakeholders and external customers.

We expect you to have knowledge, experience or interest in some of our important competence areas:

- MCAD and PDM system. We are using Solidworks for 3D modelling and 2D documentation / drawings, with the complete workflow implemented in PDM
- Integration of electronics and magnetics into mechanical enclosures for providing protection, ruggedness and optimal cooling of components, combined with good sense of industrial design
- Designing sheet metal (rack)boxes and handling corresponding subassemblies and assemblies with electronics printed circuit boards
- Designing parts for 3D-printing and injection molding in plastic and aluminum
- Design for manufacturing, minimizing number of parts in complex assemblies, reducing assembly time, promoting ergonomics in assembly work
- Designing parts for reuse across hardware platforms and products in order to minimize variance and reduce number of Stock Keeping Units(SKUs)
- Contact with suppliers of mechanical parts and services
- Prototyping, testing against specification, fault analysis and solution brainstorming
- Maintaining an extensive line of existing products through Engineering Change Orders (ECOs)
- Qualifying parts to release for production, helping with incoming inspection of prototype / pilot parts, troubleshooting manufacturing issues and performing problem analysis

On a personal plan you are well-structured, self-motivated and driven by curiosity, love for experimentation and interest for exploring challenging problems. You are constantly pushing the borders of what people think is possible to achieve with the technology. You are open-minded and willing to learn on a daily basis, but also want to challenge and perform sanity check on the established development and manufacturing processes and methods. You are not afraid of challenges and not shy of asking questions to your colleagues that will bring you forward faster. You are not afraid of occasional setbacks as you see them as important learnings and unique opportunity for potential improvement in the areas of interest.

With other words you are optimistic and love to be a part of a team where the right combination of humor and technical skills gives you motivation to perform well each and every day.

NOW WE ASK YOU TO TAKE AN ACTION

We are proud of being part of the Danisense family, designing and manufacturing products which contribute to creating a better world for millions of people today and enabling a cleaner environment for the future generations.

Are you up to the challenge too?

And can hardly wait to meet your new colleagues?

Then apply as soon as possible since we are going to interview prospective candidates regularly as we go through the received applications. This job advertisement is going to be removed once the position has been filled.

CONTACT AND APPLICATION

For information about the position, contact R&D Director Petar Ljushev at plj@danisense.com.

We are looking forward to receiving your CV and motivational cover letter at job@danisense.com.