

PRODUCT DEVELOPMENT WITH A HOLISTIC APPROACH: INOVANS EXPERIENCED AND CREATIVE R&D TEAM



We offer innovative and individual solutions for challenges in electrical connector technology, e.g. lead frames for sensors, actuators or power modules, contact springs, switching elements, cell connectors, plug connectors, press-fit contacts. Our holistic approach to development and modern, internationally oriented production bring you advantages.



Our mission:
The complete value chain for contact components and connector technology. Our team of ten R&D experts accompanies your project from functional analysis all the way to dispatch. We combine hands-on experience with research cooperations.



FUNCTIONAL ANALYSIS

Analysis of component function in close cooperation with you.
Finite element analysis allows rapid assessment of the product concept in relation to function and strength



CONCEPT

Product and tool design in 3D CAD system



TOOL

Design of the sample tools in our in-house tool shop



SAMPLE MANUFACTURING

A wide range of options for prototyping: from 3D printing to laser cutting to complex prototype tooling.

Rack and barrel plating of prototypes with many functional surfaces, such as gold, silver, tin, palladium.

Our commitment:

All functional ranges of the prototypes correspond to the series production condition.



INSPECTION/TESTING

Measurement of component geometry and electrical features with modern measurement technology

Numerous test options - from force displacement measurements on contact springs to programmable wear and tear and fatigue strength tests or high-voltage tests

State-of-the-art laboratory equipment for inspection - e.g. 3D microscope and scanner, scanning electron microscope (SEM), bonding laboratory for the analysis of wire bonded joints



DISPATCH

Dispatch with sample test report

Please contact us!

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We are looking forward to you!



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