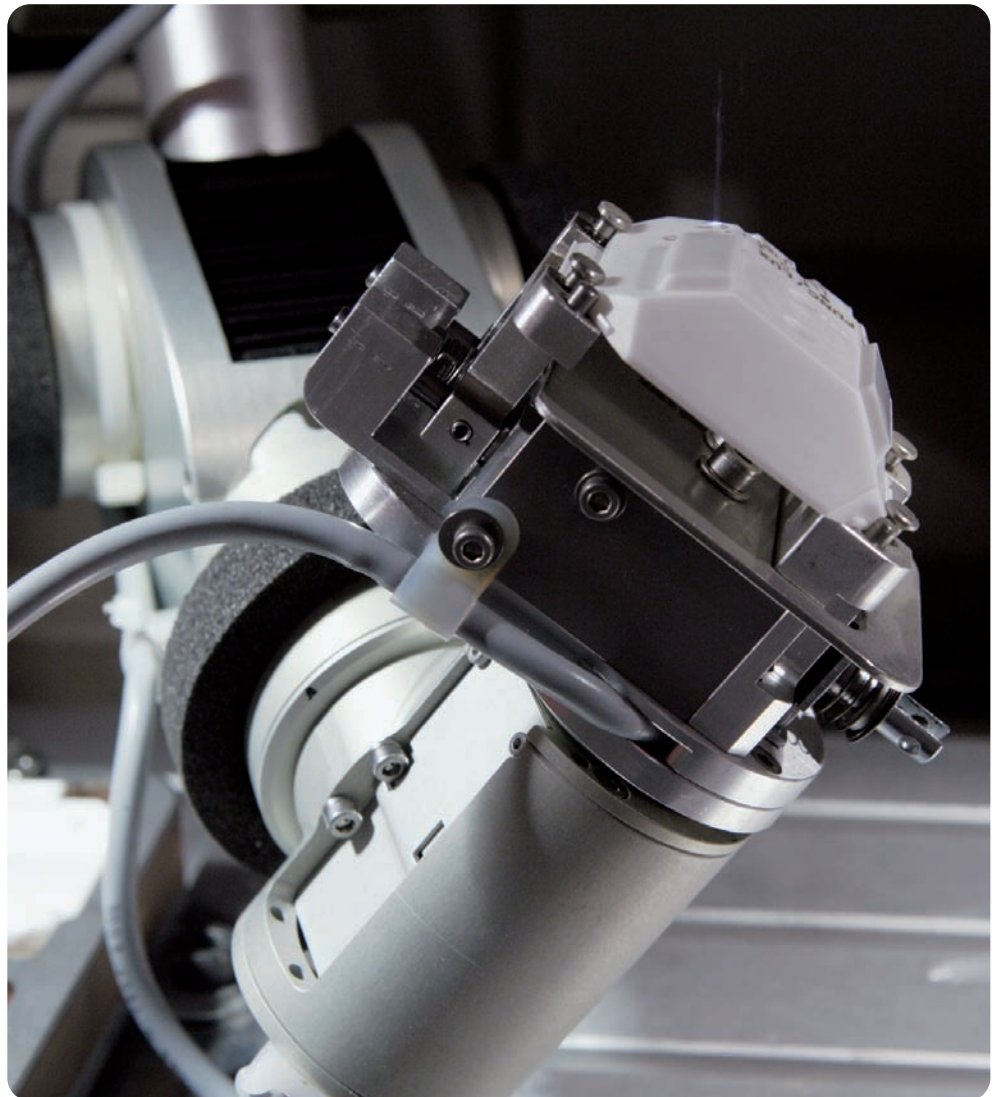


Katana

Neuronics
intelligent & personal **robotics**



Case study
Laser Inscription



Katana – Automation made easy

Scrubbing Laser system - Feller AG demonstrates courage in establishing an innovative automation solution

The task: Modifying the printed image on a synthetic component calls for courage, innovation and determination on the part of the process/product team to ensure compliance with established JIT (Just-In-Time) production process. The solution: A successful Katana project means that today, a single print image split into four applications on adjacent surfaces is lasered onto housings for motion sensors in a single operation.

Starting point

In addition to a variety of small and individual production batches, the volume-produced housing was also inscribed on one single side in a manual process on the TRUMPF scrubbing laser system. With the introduction of the new design, undertaking the task manually was no longer practical. Consequently, possible solutions for flexible but simple automation of the process were investigated. With Neuronics and Katana, Feller has opted for a new, contemporary approach, which could be integrated relatively inexpensively into the existing scrubbing laser system.



Benefits/Advantages

- Optimal utilisation of system capacity
- Relieves employees of monotonous operations
- Guarantees the required ± 0.1 mm tolerance over the whole print image



Dimitrios Chatzizissis, Feller AG

«We are happy with the solution we have chosen.»

Feller AG produces switches and sockets using proven technology and an appropriate design for virtually every field of application. Its near 100 year history stands for tradition, innovation and reliable Swiss quality.

Choose Katana

- Build dimensions/compact design
- Alternatives would have meant excessive expense to integrate
- Readiness/openness for new, innovative technologies and systems
- On-site support from Neuronics and system integrator

Your Neuronics agent

In addition – Katana can also help you with:

- Feeding production machines (milling, bending, stamping, riveting, etc.)
- Handling small components in and to plastic injection moulding machines
- Part processes on automated systems and rotating worktables
- Labelling/identification of workpieces or modules

The flexible assistant for industrial production, assembly and quality control.



Neuronics AG, Technoparkstrasse 1, CH-8005 Zürich
info@neuronics.ch, www.neuronics.ch

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