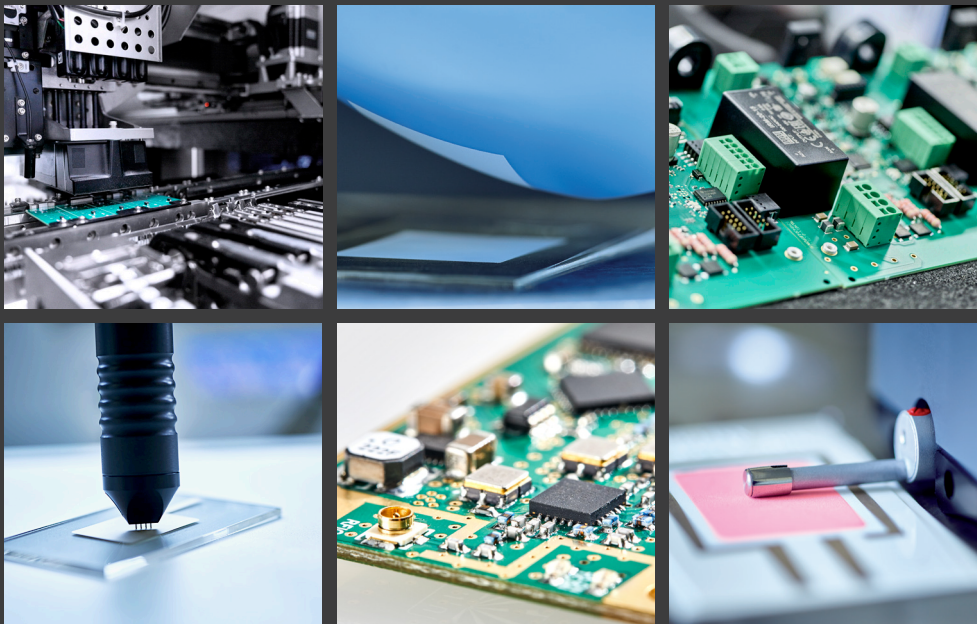


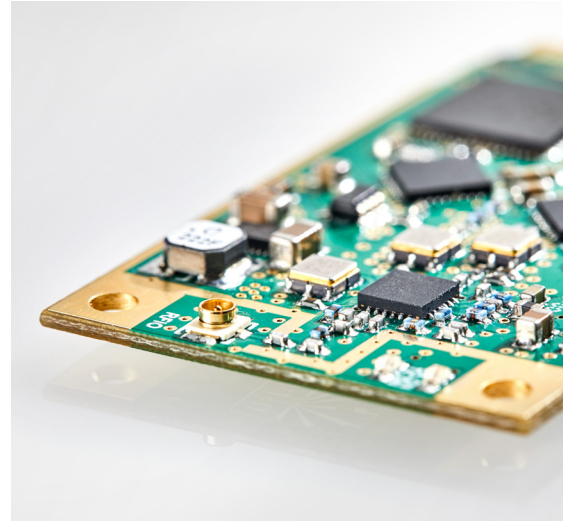
Electronic solutions



WHO WE ARE AND WHAT WE DO

binder electronic solutions is a combination of binder manufacturing services GmbH & Co. KG (binder ems), binder introbest GmbH & Co. KG (binder introbest) and the binder innovation and technology center (binder ITZ) and is a division of Franz Binder GmbH & Co. Elektrische Bauelemente KG.

This combination unites the specific competences of the individual companies and realises synergies that benefit both us and our customers.



From idea to product – single-sourced development, prototyping and series production

Printed electronics and sensors

The IoT (Internet of Things) necessitates a multitude of sensors. Using the binder process, which we have developed, we print these sensors directly onto our customers' components.

Development and layout

We offer you all the support you need from idea to product.

Sample production and series production

Our site distribution enables us to respond flexibly to what our customers want. Whether samples, oneoffs or blanket orders: We deliver rapidly and reliably.

RELATION TO THE BINDER GROUP

binder, headquartered in Neckarsulm, Germany, is a family-owned company shaped by traditional values and one of the leading specialists for circular connectors. Since 1960, binder has been synonymous with the highest quality. The binder group includes the binder headquarters, nine sales offices, seven production sites, two system service providers as well as an innovation and technology center.

The company works with further distribution partners on six continents and employs around 2,000 people worldwide. In addition to Germany, the binder sites are located in Austria, China, France, Hungary, the Netherlands, Singapore, Sweden, Switzerland, the UK, and the USA.



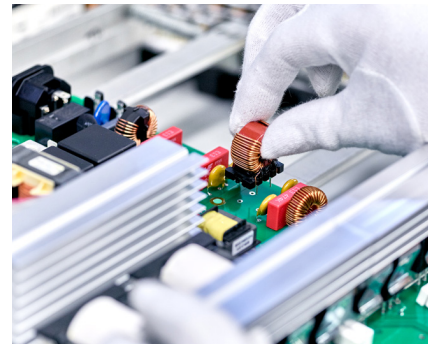
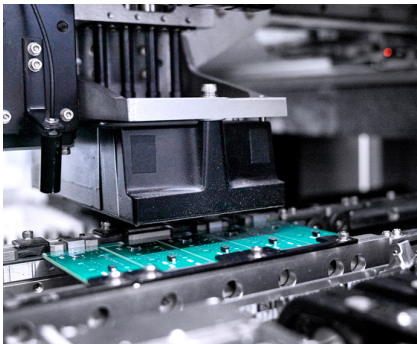
STAND OUT FEATURES

The merger of binder ems, binder introbest and binder ITZ into binder electronic solutions enables a bundling of the specific competences of each. By realising synergies and offering total solutions we provide our customers with a truly outstanding service.

To guarantee delivery capability and reduce dependencies on Asian suppliers it is well worth having a second-source electronics supplier in Europe. With our two production sites at Ingolstadt and Stuttgart we achieve a high level of excellent customer proximity in Europe and we can produce and deliver at favourable conditions.

Therefore, even in crisis times, we guarantee our customers rapid and prompt delivery, which in turn guarantees their delivery capacities.

- **Bundling of competences**
- **Holistic solutions**
- **Customer proximity**
- **Rapid, flexible and on time delivery**



CORE COMPETENCES

Printed electronics and sensors

Sensors printed directly onto the workpiece

Our aim is to create new paths for printing technology. The binder process is a printing system developed by binder which allows functional layers, such as electrodes or conductor paths, to be applied directly onto 3-dimensional or textured surfaces. The process is suitable for substrates such as plastic, metal, glass, ceramic and much more.

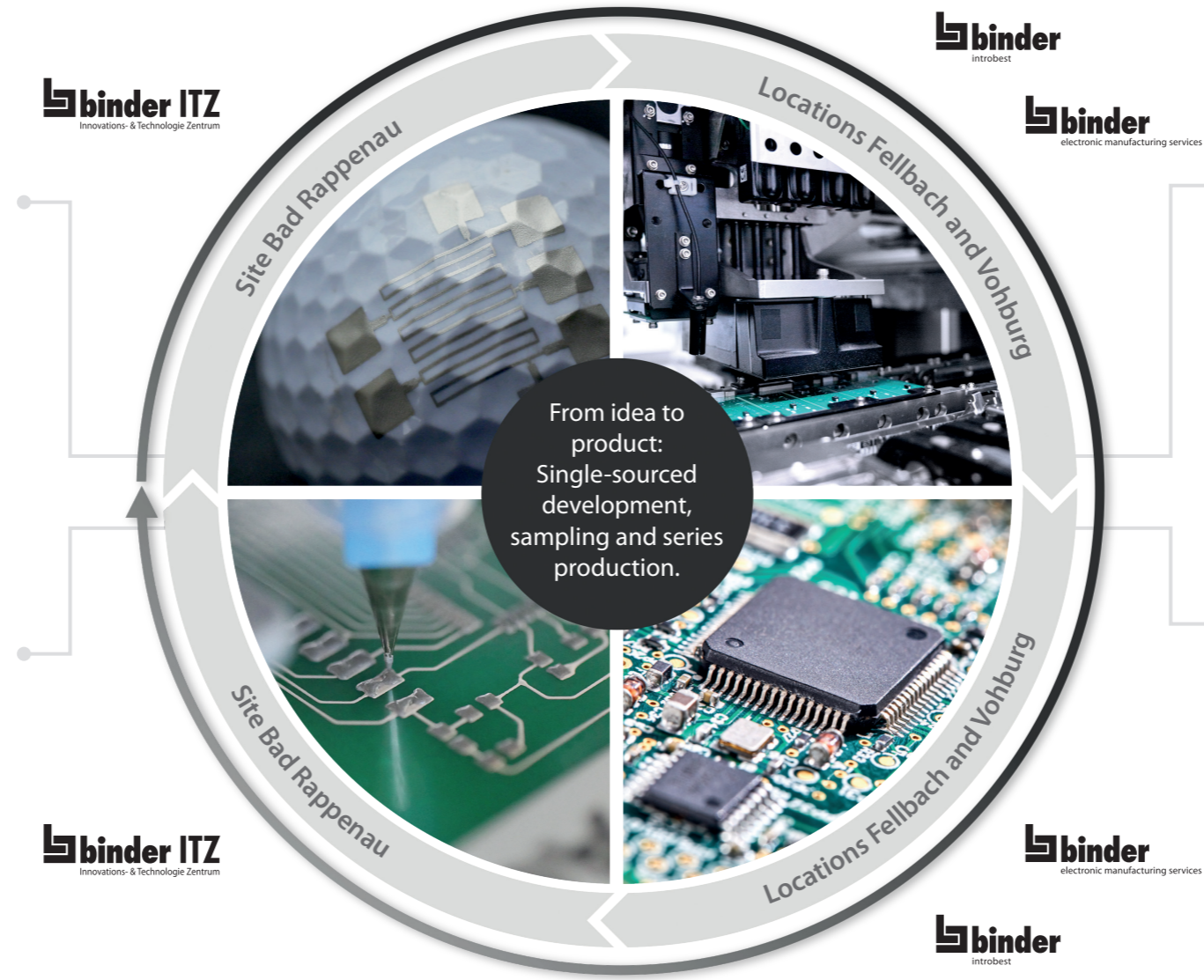
- Force sensors and strain measurement
- Printed circuit boards
- Capacitive touch panels
- Electro-luminescence (printed luminaires)
- Heating elements

Circuit design, layout and production

From idea to product

Electronics development is in safe hands with us, right from the start. From concept via circuit design to planning for series production, binder electronic solutions offers total solutions.

- Custom solutions
- Project management
- Electronics development and layout
- Software engineering
- Support provided up to series production



Prototypes

Express service and sample production – rapid and competent
 Progress often needs to be rapid during the development stage. binder electronic solutions has sites in excellent locations for customer proximity and so is able to react flexibly to customer preferences.

- Express service for modules/assembly
- Prototyping, sampling and series production
- Modification and repair service
- Consultation for production-ready design
- Approved in accordance with ISO 9001 and 14001

Integration into the supply chain

Reliable, cost-effective and local
 We offer direct integration into our customers value chains. We guarantee punctual, error-free delivery and top quality even when demands from our customers fluctuate.

- Component acquisition
- SMD production line including 3D-AOI testing
- Reflow soldering, wave soldering and selective soldering processes
- Electrical testing and ICT
- Cleaning, painting and potting of electronic modules

“ I see immense growth and development potential in the merger of our companies binder ems, binder introbest and binder ITZ into the system service provider, binder electronic solutions. ”

Markus Binder
General Manager
of the binder Groupe



**binder electronic manufacturing
services GmbH & Co. KG**

Neumühlstraße 8
85088 Vohburg-Donau
Germany

Phone +49 8457 9275-0
Fax +49 8457 9275-25

info@binder-ems.de
www.binder-ems.de

binder introbest GmbH & Co. KG

Höhenstraße 17
70736 Fellbach
Germany

Phone +49 711 520480-0
Fax +49 711 520480-99

info@introbest.de
www.introbest.de

binder innovation and technology center

Raiffeisenstraße 53
74906 Bad Rappenau
Germany

Phone +49 7264 70249-0
Fax +49 7132 325-150

gedruckte_elektronik@binder-connector.de
www.binder-itz.de



10/2022