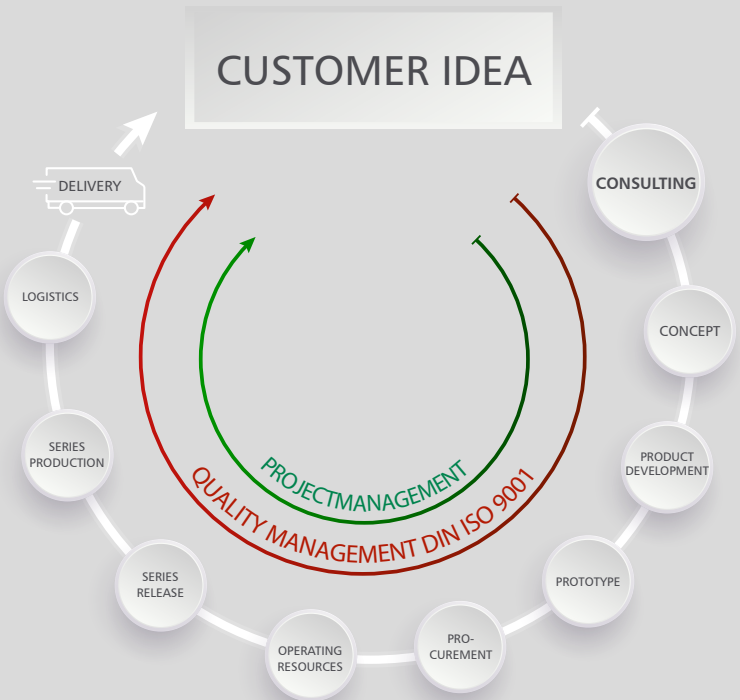


METZ CONNECT COMPETENCIES



OUR COMPETENCIES

From standard to customer-specific development

CONSULTING AND CONCEPTION



- > Transmission-related know-how (e.g. HF technology, EMC)
- > Integration in customer housing
- > Development of the overall solution for the mechanics of devices (e.g. complete housing including connection technology)
- > Project management
- > Qualification in our own laboratory
- > Electronic development

In addition to products that are compatible with market standards, we develop customized product solutions for you for industrial controls and building automation, just as some examples.

PRODUCT DEVELOPMENT



- > CAD: Pro|E or Creo and AutoCAD
- > Simulation
 - Injection-molding simulation: Moldflow
 - Mechanics: Pro|MECHANICA
 - Clearance and creepage distances: SPARK
 - Tolerance analysis: CETOL 6 Sigma
 - Heat simulation: 6SigmaET
- > HF transmission technology: Microwave Studio
- > Project administration: CIM Database

Our development experts draw on know-how from over 40 years of company history, to create your tailor-made innovative connection solution.

LABOR



- > Temperature shock tests
- > Vibration tests
- > Climate tests
- > Corrosion tests and flowing mixed gas
- > EMV
- > Pressure, tensile load
- > Flame test
- > Mating cycles
- > Customized tests

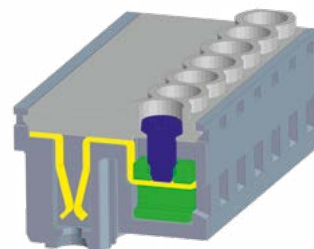
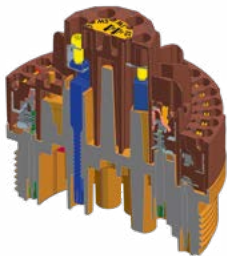
Your product is put through its paces in our laboratory. Here, among other things, we carry out temperature shock, vibration and climatic tests as well as corrosion tests with flowing mixed gas.

SOFTWARE + ELECTRONIC



- > Electronic devices for building automation
- > Fieldbus systems
- > Energy management
- > Embedded software
- > App and software programming
- > Assembly, soldering, DOI
- > Customer-specific electronics

Electronics and software from the idea to the finished product from a single source. All development phases are fully covered by the expert staff of both the software and electronics development departments.



TOOL AND MOLD MAKING

SPECIAL MACHINE CONSTRUCTION

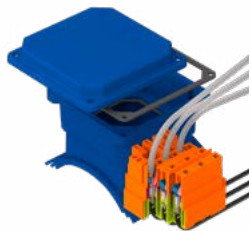


- > Complex tools for plastic processing and metalwork
- > Plastics segment: Injection-molding tools (segment tools)
- > Complex progressive dies
- > Bihler punching and bending tools
- > Both in-house production and outsourcing through our excellent supplier network

- > Process-reliable automation of product variance
- > 25 years of expertise in the manufacture of terminal block mounting machines
- > Fast response times

Complex tools for plastic processing and metalwork are produced within the company. In this way, we ensure fast and independent production for you.

The high level of vertical integration is also reflected in our production machines. 80 percent of the machines are developed and produced in the company's own special machine construction department. This enables us to offer you detailed manufacturing concepts from manual mounting to full automation from a single source.



PLASTIC INJECTION MOLDING

PUNCHING SHOP

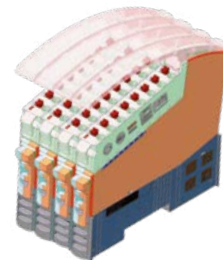


- > 35 injection-molding machines
- > 38 employees in 3-shift operation
- > Specialized in filigree electronic components for data and communication technology
- > Expertise in the field of flame-protected polyamide materials
- > Closing force range from 500 kN to 2,000 kN
- > Process monitoring by the MES-System
- > Defined quantities

METZ CONNECT specializes in the manufacture of filigree housing components made of fiberglass reinforced plastics with fire protection properties. We offer you individual, tailor-made solutions in a wide range of variants.

- > 19 employees in multi-shift operations
- > Decades of production know-how
- > Specialists
- > In-house toolmaking
- > Machinery with high-performance punching

Both metalwork and plastics processing are part of METZ CONNECT's core competencies. For metalwork, METZ CONNECT relies on the latest technologies, its own toolmaking and the know-how of its skilled workers. For you, this means fast response times in the event of short-notice inquiries as well as changes to the product.



MOUNTING

LOGISTICS



- > Customized tailor-made production solutions
- > The entire know-how of construction, production, programming and commissioning is in-house
- > Individual automation solutions as a rotary cycle or transfer solution with short cycle times and high reliability as well as integrated, modern testing technology
- > Continuous networking of production thanks to modern machine data acquisition systems

In addition to the headquarters of METZ CONNECT in Blumberg, with 640 employees, the group of companies has production and sales locations in

- > Customer-specific packaging systems
- > Consignment warehouse
- > Batch tracking
- > Tape & reel packaging
- > Articles in stock: approx. 6,000

Hungary, France, the USA and China and cooperates with sales partners in more than 26 countries.



The company

- > Family business
- > 895 employees
- > 34.070 m² office and production space
- > 5 sales offices
- > Global group turnover 2021: Approx. 117 million euros

Our products from the connection technology sector and switch cabinet components:

- > DIN rail housing
 - Standard and customer-specific
 - with connection technology
 - with electronics
 - with software/firmware
- > I/O - components
- > Energy-controller
- > Interface modules
- > Measurement and monitoring relay
- > Time relay
- > Switches
- > SPE connection technology
- > Compression terminal blocks
- > Motor connection terminal blocks
- > and lots more.

Blumberg headquarters



METZ CONNECT worldwide



LOCATIONS

METZ CONNECT
GmbH Blumberg



METZ CONNECT
France SAS



METZ CONNECT
USA Inc.



METZ CONNECT
Termelo Kft.



METZ CONNECT
Asia Pacific Limited



METZ CONNECT
Zhongshan Ltd.



METZ CONNECT
Austria GmbH



LEGEND



Sales Offices



Production Sites

**METZ
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We realize ideas

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metz-connect.com/kontakt