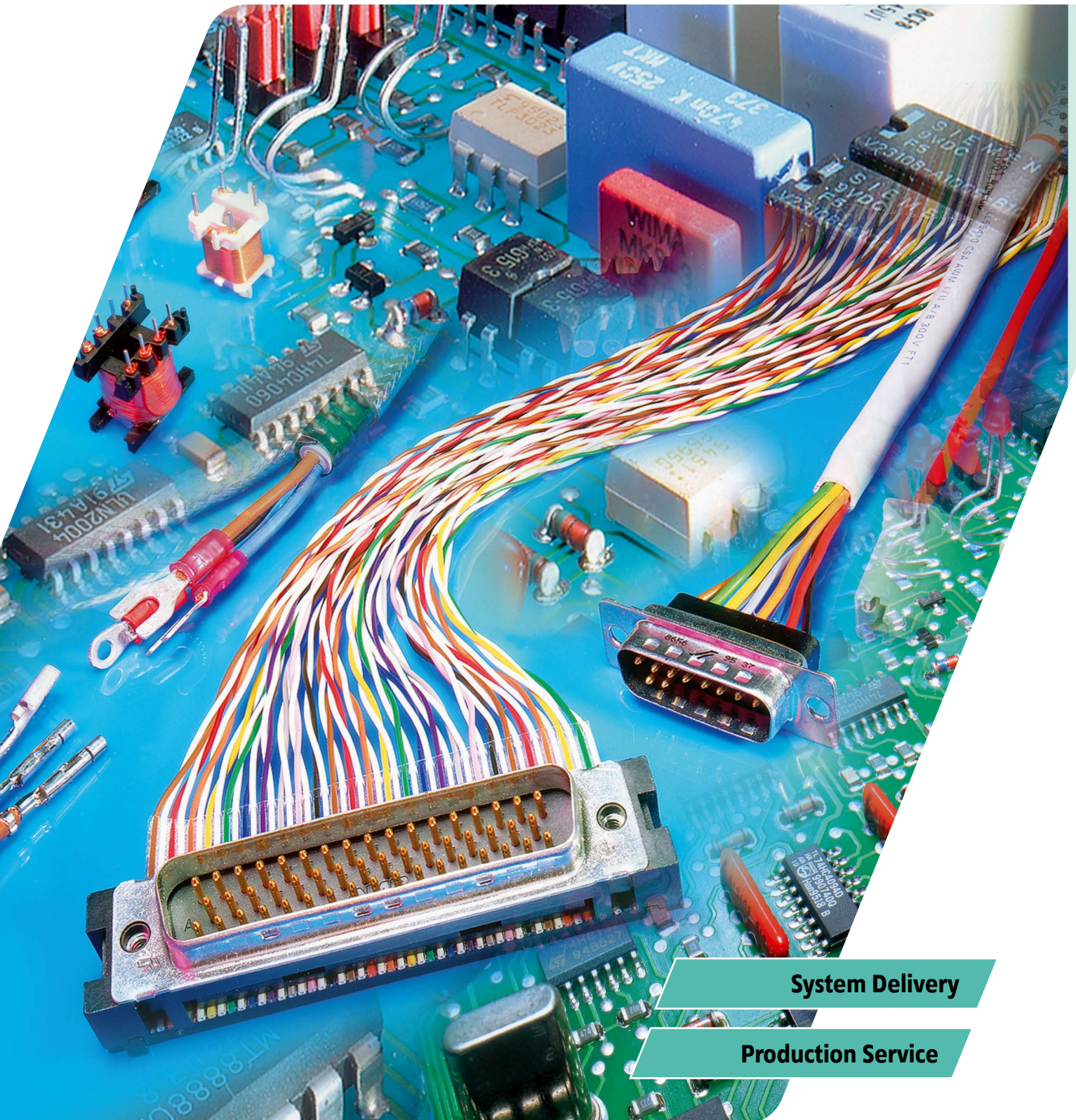


BÜHLER ELECTRONIC



System Delivery

Production Service

From a general concept to a detailed solution

Bühler electronic has made its name as a supplier of electrical and electronic devices and components. Its customers are well-known industrial companies from all over Germany. Special attention is given to the quality of the products. Regular customer audits have led to a quality management system in accordance with DIN EN ISO 9001. Bühler electronic has been certified in accordance with DIN EN ISO 9001 and DIN EN ISO 9001-2000 since 1997.

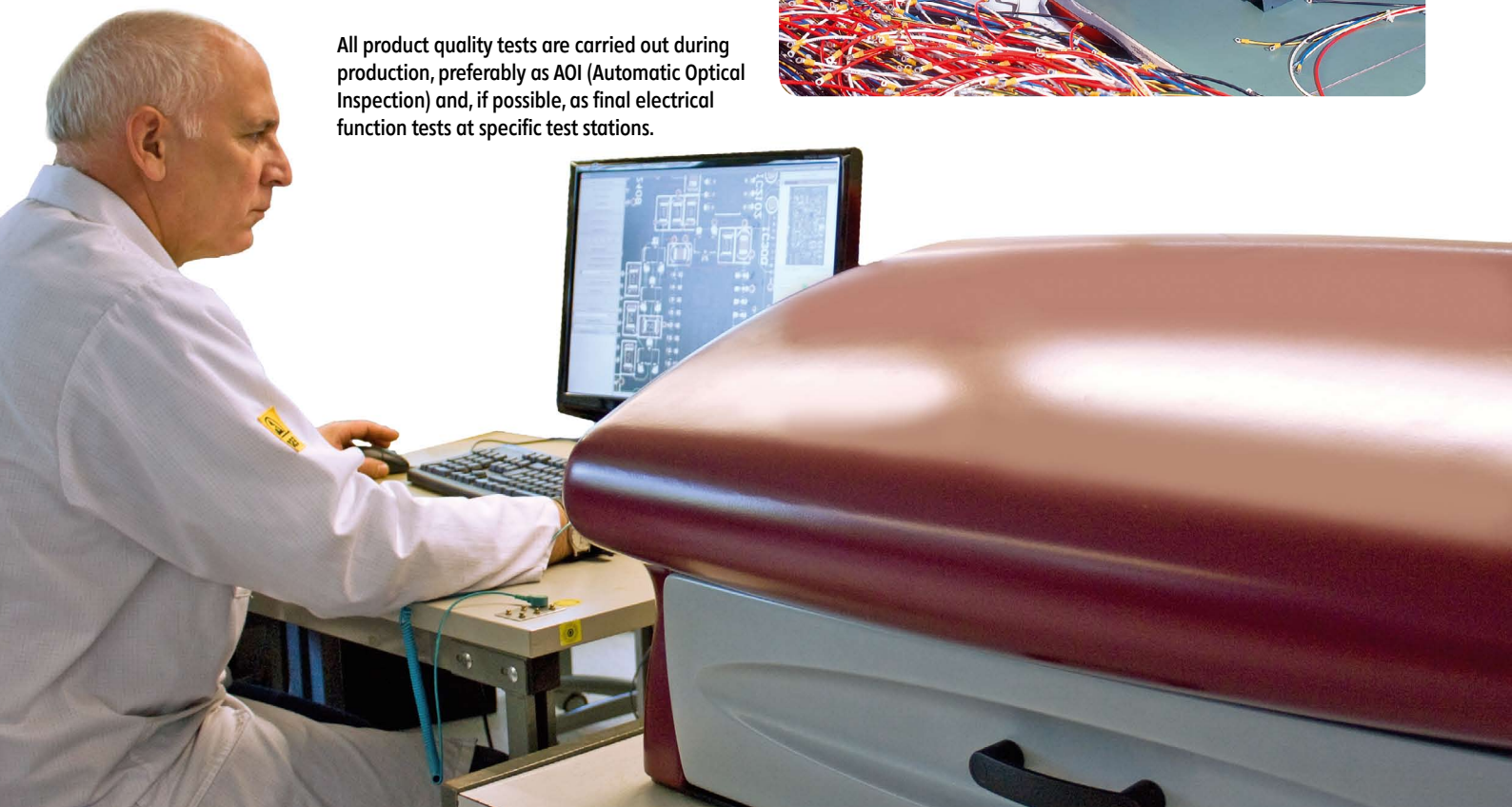
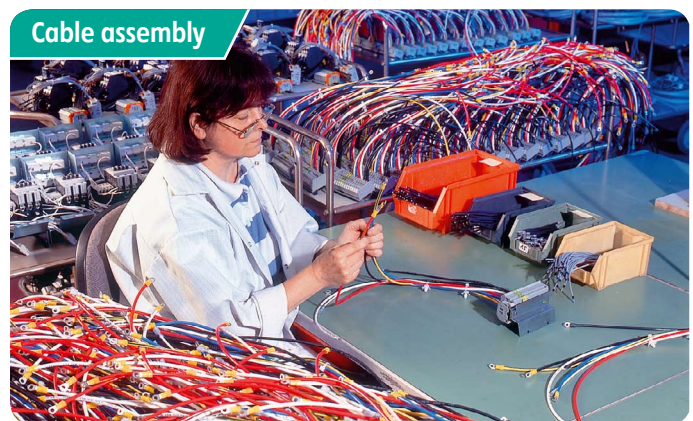
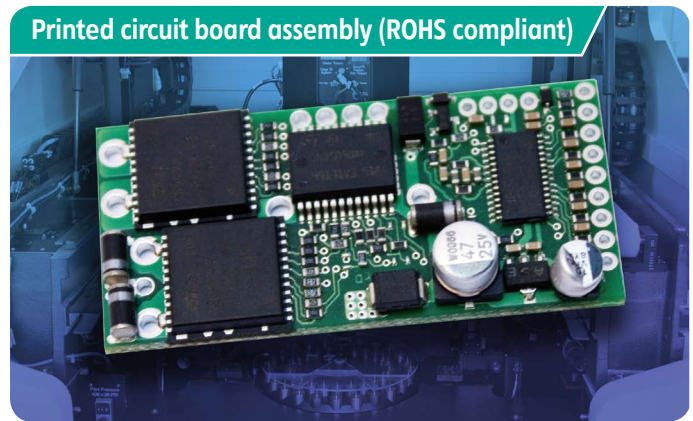
As a manufacturer and system supplier, Bühler electronic works together with regional companies which are, without exception, subject to strict quality requirements. The focus of the company is the customer. Bühler electronic regards itself as a service company which can react quickly and competently to enquiries and customer wishes. Highly-motivated professionals with broad expert knowledge and modern production plants are what make the motto of the company a reality:

„Cost-effective and on-schedule quality from Fredersdorf.“

The customer is the focus

Bühler electronic GmbH is a member of ZVEI (Central Association of the German Electrical and Electronics Industry) and VDE (Association for Electrical, Electronic and Information Technologies). In the case of several types of standard electronic and electrical components, Bühler electronic ist the perfect partner for outsourced production. So get in touch with us as early as possible, the best time is in the project planning phase. You will be surprised.

All product quality tests are carried out during production, preferably as AOI (Automatic Optical Inspection) and, if possible, as final electrical function tests at specific test stations.



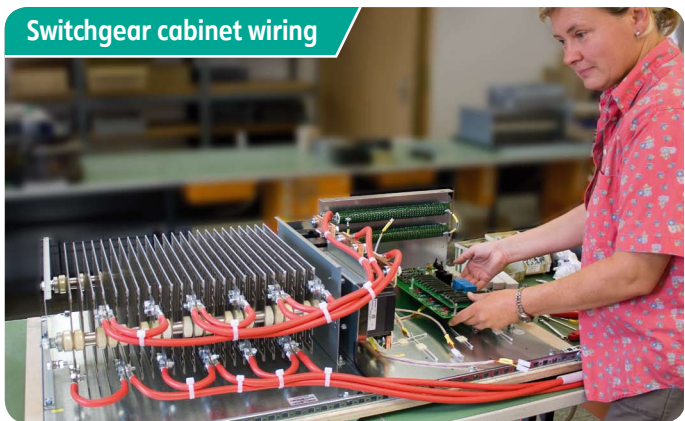


Coil winding

High-quality objectives

We want to use our potential in terms of innovation, knowledge and field-tested experience to increase product quality and to reduce manufacturing costs for our customers.

This works best in long-term and lasting customer relationships. We adapt ourselves to the special requirements of our client and adjust our order-specific management and logistics precisely to the production and value chain of our customer.



Switchgear cabinet wiring

Solutions for special assignments

Our engineers' many years of cross-industry experience always leads to integrated solutions which are often more efficient and better than the usual standard solutions of the industry. You can completely rely on us even in case of special assignments and innovative technical requirements. We provide you with a custom-made solution to your manufacturing problem.



Our successes.

Clear company strategy, high quality standards, distinct efficiency and motivated employees are the basis for our success. We work for important technology-oriented companies from a variety of industries including many leading industrial companies.

Here is an extract from our reference list:

- Bombardier Transportation GmbH
- EADS LFK-Lenkflugkörpersysteme GmbH
- ELDAT GmbH
- Fernsteuersysteme Kurt Oelsch GmbH
- Francotyp Postalia GmbH
- GSP Sprachtechnologie GmbH
- Motorola GmbH
- OTIS GmbH
- Siemens AG

The new AccuFlex screen printer prints printed circuit boards with the highest degree of precision.



MPM AccuFlex

Service overview

Manufacture of components

SMD placement

- Material planning with ERP system-support
- Maximum substrate size of 580 x 500 mm
- Fully automatic, camera supported screen printing for the application of soldering paste or adhesive (stainless steel stencil) with paste inspection
- Placement on a triple-head machine with two pipette heads and a pliers head for special components as well as CCD and camera-vision centering up to max. 10,000 BE/h
- Manual manipulator for small series and sample production
- Component spectrum: Construction form 0402 to 55 x 55 mm with a 0.5 mm contact pitch
- Soldering and und hardening of adhesive in the Hellerreflow oven

Leaded assembly

- Circuit board widths up to 300 mm
- Individual workplaces and semi-automatic assembly machines
- Double wave soldering machine
- Kirsten jet wave soldering machine
- Component grouting and component painting

Cable assembly

Customer-specific production

- Machines for different stop techniques
- Processing various connector systems, contacts as reeled or individual goods
- Complete or partial stripping
- Manual soldering and tinning
- computer-aided testing

Braids and connecting wire

- Teflon insulation as well
- thin, flexible braids as well

Round cable

- shielded and unshielded
- Signal and data cable
- Laminate technology for female multipoint connector

Ribbon cables

- wide range of grids
- Insulation-displacement connector

Cable harnesses

- for special applications
- Switchgear cabinet wiring

Coil winding

Coils in fine wire technology

- Single- and multi-chamber coils
- Taps or different windings with alternating wire diameters on top of each other
- Wire ends free, soldered or twisted
- Soaking
- Grouting

Ferrite coils

- all common core shapes
- for SMD technology as well
- Adhesion, clamping, adjustment
- Function and high voltage tests with test records

Air-core coils

- machinery coils as well
- Bent wire parts
- Milling and tinning

Enamelled coils

- Wire widths < 0.4 mm
- Coils with a diameter < 50 mm
- Coil length < 25 mm
- any core shapes
- Wire ends twisted / tinned

Small transformers

- Core sizes up to EI 66
- Wire cross section up to 1.6 mm²



How to find us:

By car from Berlin via the B1, B5 towards Strausberg/Müncheberg; via Berliner Ring (10) – exit at Berlin-Hellersdorf. Sufficient parking spaces are available.

From Berlin-Friedrichstraße you can take the S-Bahn (46 min.) to Fredersdorf (S5 Strausberg-Nord).

We are looking forward to meeting you!

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