

# LF Elektro GmbH

## Research and development

### About this organisation

#### Machine translation

This organisation has been machine-translated based on data provided in German.

The name LF Elektro stands for the highest level of expertise in the field of electrical system construction and automation. Since the specialist company was founded in 2001, LF Elektro GmbH has focussed on the professional electrical sector with its constantly growing demands on electrical and I&C installations.

R&D projects EnShade - Product and process development of an innovative multifunctional solar shading/thermal insulation PV system in lightweight construction for highly efficient energy insulation of glazed building openings with integrated solar energy generation SolCon - Technology transfer for the development of a prototype PVT system as a container accessory component "Technology transfer for the development of an energy-efficient greenhouse for the power supply of single-family homes with load management"

Oberer Bahnhof 16  
09456 Annaberg-Buchholz  
Saxony  
Germany  
[www.lf-elektro.de](http://www.lf-elektro.de)

**Main areas covered** Electrical and power engineering, Building automation, Switchgear construction, Security systems, IT and telecommunications

#### Infrastructure

**Certifications** ISO 9001: 2015

#### Keywords

**Memberships** Chamber of Crafts



#### Organisation type

Small or medium-sized enterprise

#### Sector



#### Employees

50 up to 249

#### Turnover

€10m - €50m

#### Funding

n/a

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### Overview of lightweighting expertise

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Manufacturing  
Research   Development   & Supply

#### Offer

##### Products

Systems and end products



Services & consulting

#### Field of technology

Design & layout

##### Functional integration

Actuator technology, Media conductivity,  
Sensor technology



Measuring and testing technology

Modelling and simulation

##### Plant construction & automation

Plant construction, Automation technology



Recycling technologies

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	Research	Development	& Supply	Manufacturing
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#### Manufacturing process

##### Additive manufacturing

3D printing

✓ ✓

Coating (surface engineering)

Fibre composite technology

##### Forming

Bending

✓

##### Joining

Adhesive bonding, Riveting, Screwing

✓

##### Material property alteration

Mechanical treatment

✓

Primary forming

##### Processing and separating

Drilling, Sawing, Shearing/punching, Grinding,

Cutting

✓

Textile technology

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#### Material

*Biogenic materials*

*Cellular materials (foam materials)*

*Composites*

*Fibres*

*Functional materials*

*Metals*

*Plastics*

*Structural ceramics*

*(Technical) textiles*

### Contacts

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This organisation has been machine-translated based on data provided in German.

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