



BERNSTEIN
**Your partner in automobile
production technology**

Our knowledge is your success

About us

BERNSTEIN AG ranks among the world's leading providers of industrial safety technology. With our comprehensive range of **switches, sensors, enclosures, suspension systems** and other components for industrial applications, we offer our customers effective and versatile solutions. In addition to **classic plant and machine construction**, we look after customers in the **lift construction, automotive, agriculture, conveyor construction, automation engineering, wood-working, renewable energy, medical technology industries, AS-Interface** and **ATEX**.

The Headquarters of the family-owned enterprise, founded in 1947, is located in Porta Westfalica. BERNSTEIN has around 500 employees across 10 countries.

Customer Satisfaction is our number one priority. For us quality is more than making a good product, it's about designing them to perfectly match ALL of your needs.

Automobile production technology forms a key element in BERNSTEIN's strategic field of operation, and we provide a specific range of products for this challenging area. We recognise that society is becoming increasingly mobile, with rising expectations about comfort, safety and independence. New materials and drive systems make modern vehicles lighter and safer than ever before. Our desire is to work alongside automotive partners and provide them with the best possible support, application knowledge and products for their manufacturing technology.



BERNSTEIN offers

- The right product for your application
- Professional technical advice
- Engineering and project management from one provider
- Continuously monitored quality system
- Customer specific developments and approvals
- The right choice for all matters concerning automobile production technology
- Product and professional trainings
- Specialists who have awareness of the latest technological advancements



BERNSTEIN AG

The Product Lines

Switch system



Switch system – Economy meets safety

BERNSTEIN electromechanical switches offer a convincing price/performance ratio and impress with their extreme reliability for many different operating voltages. The range extends from limit switches, encapsulated in plastic or metal, through foot switches to safety switching devices. The AS-i compatible products save time and material in installation and provide cost advantages in operation. The comprehensive range of designs and sizes, the possible switching functions and the choice of actuators make virtually any application reality.

Sensor systems



Sensor systems – Compact intelligence

The extremely fast and exceptionally accurate range of BERNSTEIN sensors operate without interference and wear in virtually all applications. This with proven reliability and compact dimensions, deliver benchmark performance levels to all branches of industry. In addition to ultrasonic sensors and level switches, customers can choose from a wide array of inductive, capacitive, magnetic and optical sensors. Within this range, BERNSTEIN also offers a comprehensive design and development service to deliver customised solutions to the most exacting standards.

Enclosure systems



Enclosure systems – Function and design

With its long tradition of manufacturing enclosures, BERNSTEIN combines superior enclosure technology with ultramodern variable suspension systems, designed for encapsulating a diverse range of applications.

An extensive range of aluminium and plastic terminal boxes are also available, plus bespoke wiring and circuitry solutions to all enclosure ranges, completing our product portfolio.

Our enclosures also conform to international standards used in medical technology, manufacturing industry, food and EX applications.

Automobile production technology

Our final customers



AUDI



ŠKODA



MERCEDES-BENZ

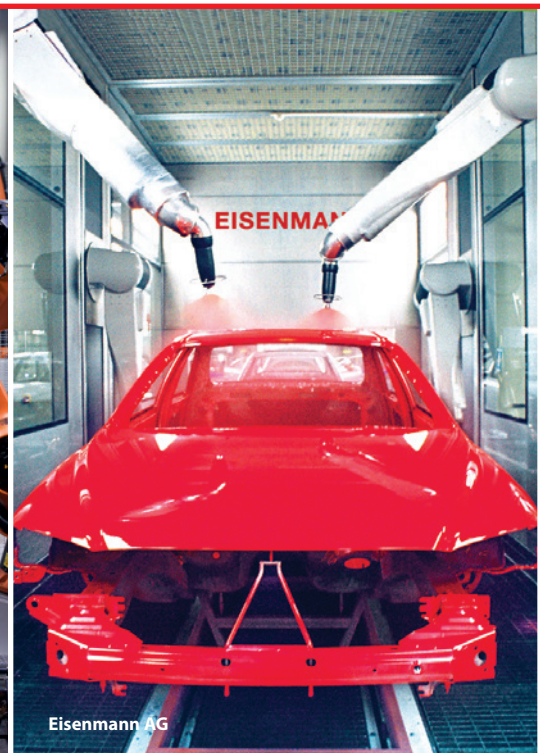
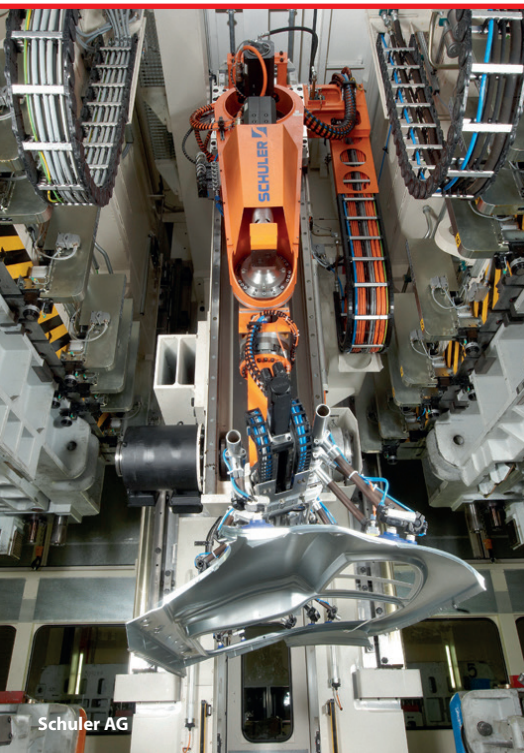


BMW



Automobile production technology

Our idea – Your solution



Fields of application

- Press Shop
- Body Shop
- Paint Shop
- Powertrain
- Assembly Shop
- Test Solutions



KAPP GmbH



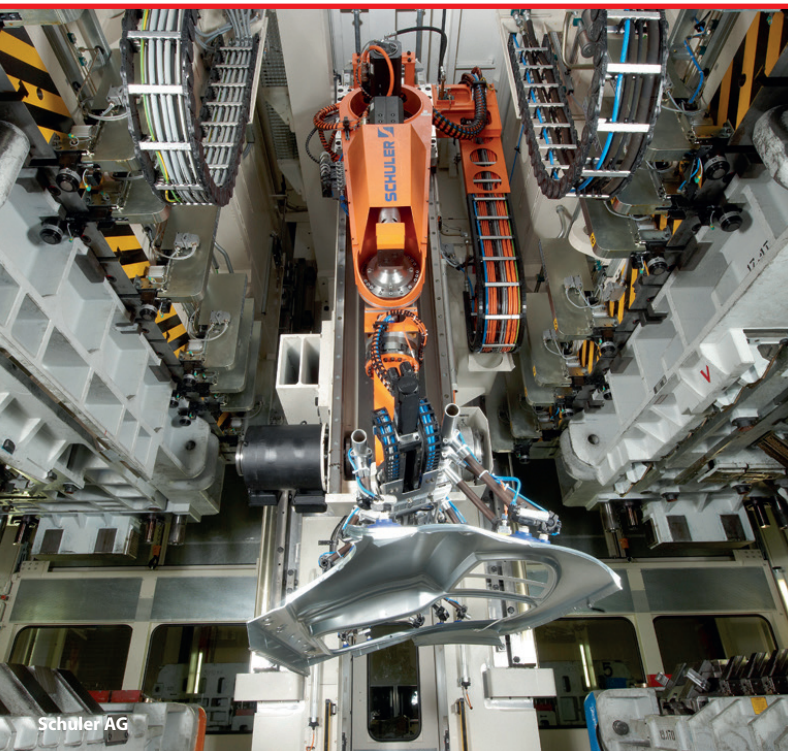
GROB-WERKE GmbH & Co. KG



SmartRay GmbH

BERNSTEIN products

Press Shop



Application:

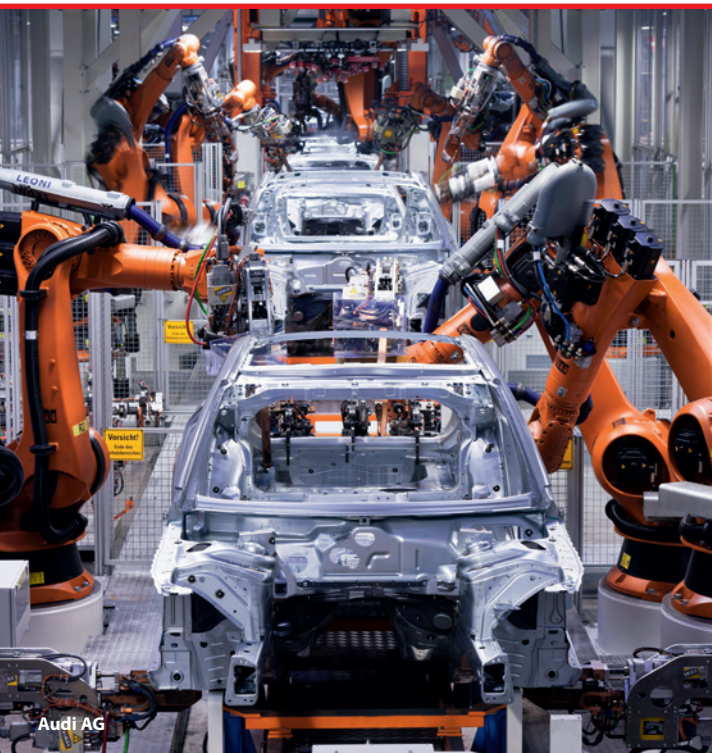
- Presses
- Punching
- Forming technology

Examples of use:

- **Control enclosures and suspension systems**
For control and monitoring
- **Safety hinge switch**
To secure doors, hatches and protective guards
- **Foot switches (1-3 pedal)**
To start and stop operations and production processes

BERNSTEIN products

Body Shop



Application:

- **Welding**
- **Gluing**
- **Riveting**

Examples of use:

- **Control enclosures and suspension systems**
For control and monitoring
- **Aluminium standard enclosures**
As terminal boxes
- **Contactless safety monitoring sensor CSMS**
For door monitoring of protective guards
- **Electronic magnetic switches**
For positioning of the robot grasping

BERNSTEIN products

Paint Shop



Application:

- **Painting lines**
- **Manual painting stations**
- **Oven systems**

Examples of use:

- **Control enclosures and suspension systems**
For control and monitoring
- **ATEX Aluminium standard enclosures**
As terminal boxes
- **ATEX-approved switches**
For end position monitoring
- **ATEX-approved foot switches**
To start and stop operations and production processes

BERNSTEIN products

Powertrain



Application:

- Processing centres
- Assembly stations
- Handling technology

Examples of use:

- **Control enclosures and suspension systems**
For control and monitoring
- **Safety switches with interlock function**
For sliding doors, hinged doors, hatches
- **AS-Interface safety switches**
For the reduction of wiring time
- **Contactless safety switches**
For door monitoring

BERNSTEIN products

Assembly Shop



GROB-WERKE GmbH & Co. KG



Application:

- Assembly lines
- Conveying technology
- Monorail overhead conveyors

Examples of use:

- Control enclosures and suspension systems
For control and monitoring
- Rope pull switches
As signalling switch or for the protection of hazardous areas
- Electronic magnetic switches
For positioning of robot arms and clamps

BERNSTEIN products Test Solutions



Application:

- 3D weld seam inspection
- Car seat inspection
- Motor testing facilities

Examples of use:

- **Control enclosures and suspension systems**
For control and monitoring
- **Rope pull switches**
As signalling switch or for the protection of hazardous areas



**Switch systems –
Economy meets safety**



**Sensor systems –
Compact intelligence**



**Enclosure systems –
Function and design**

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