

SWITCH TO INNOVA TIONS

A decorative orange line that starts from the left edge, curves downwards, then upwards, and finally exits the right edge of the page.



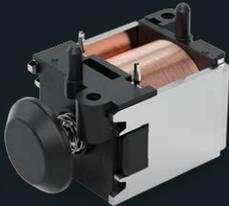
GRUNER DOES NOT HAVE A SILVER BULLET FOR ONGOING SUCCESS AS A COMPANY.
HOWEVER, WE ARE COMMITTED TO QUALITY, INNOVATION AND SUSTAINABLE GROWTH.

Patrick Spreitzer
Dr. Wolfgang Spreitzer
Martin Spreitzer
(from left to right)

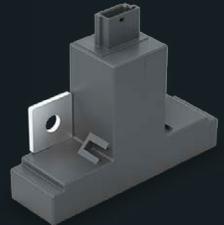
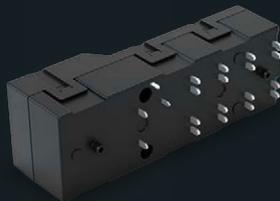
Gruner is a family-run listed company with innovative development, international locations and worldwide sales operations. With its products and developments, Gruner often achieves levels of excellence that later become specified as industry standards. Technological leadership position, sustainable and healthy growth and great continuity in our business relations make us a strong international partner. Since Gruner was founded, innovative developments have been one of our core skills, and we shall continue in future to create innovative, customer-oriented solutions – cost-optimized to Gruner's renowned quality standard.



SERVOMOTORS



SOLENOIDS



RELAYS

GRUNER DEVELOPS AND PRODUCES INNOVATIVE COMPONENTS THAT DELIVER TECHNOLOGICAL AND ECONOMIC BENEFITS TO OUR CUSTOMERS.

- › Solution-oriented innovations
 - › Consistent customer orientation
 - › Great flexibility in design and scale of volume production
 - › High degree of vertical integration
 - › International availability
- 



GRUNER ALSO HAS NO CRYSTAL BALL.
**BUT WITH OUR DEVELOPMENTS,
WE ARE PRODUCING SOLUTIONS
FOR TOMORROW.**

Gruner embeds all quality-related steps in the development and production of relays and solenoids inside its own company. In all of its plants, Gruner manufactures in accordance with ISO 9001 and IATF 16949, with intensive checks integrated in production operations and a high level of vertical integration. To uphold unusually high quality standards, many of the machines, systems and test equipment we use were modified or even developed in-house by our tool-making department. Continuous investment in contemporary production and quality assurance technologies and simultaneous engineering ensure that we protect our dominant position as a technology leader.



ALL QUALITY-RELATED DEVELOPMENT AND PRODUCTION STEPS ARE DONE IN-HOUSE.

- › Stamping, annealing, plastic injection moulding, winding, assembly and testing in a continuous process
 - › Intelligent test systems to accompany production for 100 % inspection
 - › Ultra-modern equipment in our development and design department, and in our laboratory
 - › Comprehensive tests to verify and validate product characteristics before the launch of volume production
 - › Employees equipped with in-depth expertise
- 



I WORK AT GRUNER,
NOT AS A JEDI KNIGHT.
**BUT I DEVELOP
POWERFUL SOLUTIONS.**

Gruner is a genuine Hidden Champion – even in south-west Germany where Gruner is headquartered. The high level of specialization and the depth of expertise that Gruner has established for its product sectors and solutions feed into a level of professional capability that many outsiders would not even suspect. This makes our highly skilled specialists, many of whom have decades of experience in their sectors, all that much more important to us. It is thanks to them that we can provide our customers with the perfect solution for many applications. Whether in HVAC, automotive, e-mobility, smart metering, building management or medical technology – the specialists at Gruner apply the requisite knowledge and skills to find a solution, and successfully develop and manufacture customer-specific modifications and adaptations.



ACTION BEI GRUNER.DE



BEING ONE OF THE BEST

Gruner offers prospects: apprenticeships, combined vocational training and degree programs or jobs for specialists. Low levels of staff turnover and the continuous growth in our payroll staff indicate clearly that Gruner solutions, with its flat hierarchies, great scope for personal development and its international organization can provide some interesting prospects for the future.



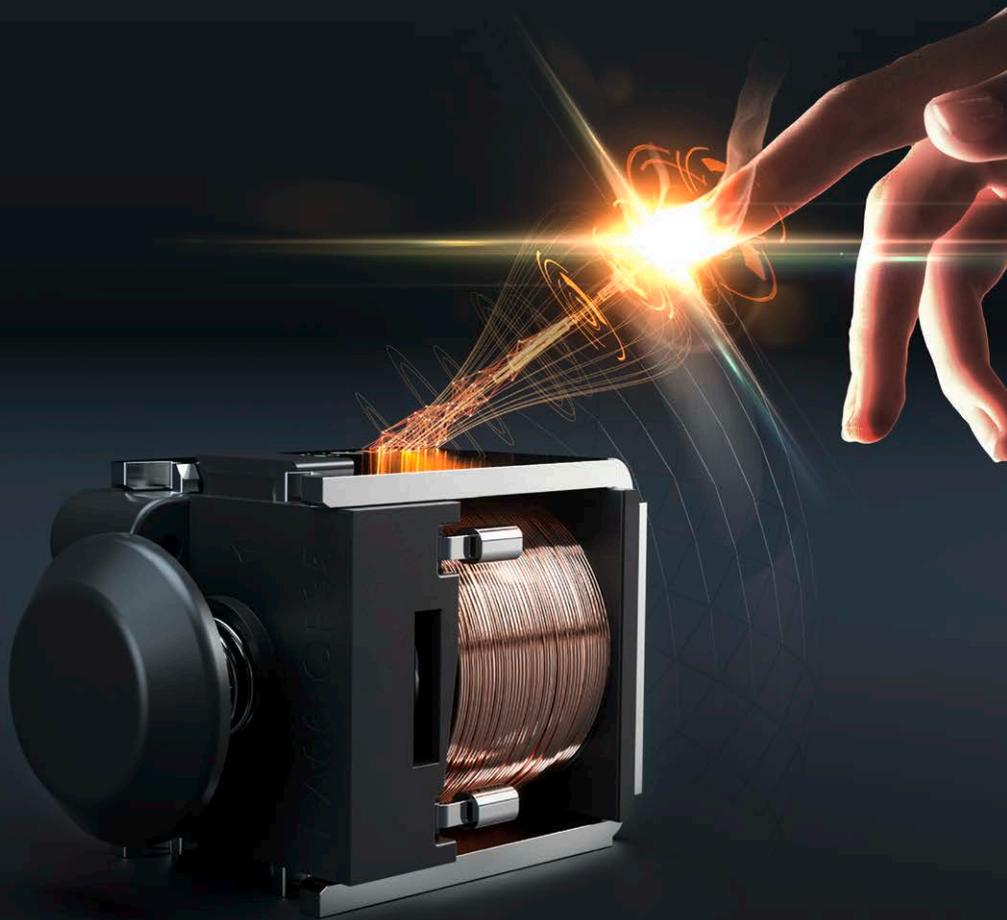
[GRUNER.DE/CAREER](https://gruner.de/career)



WITHOUT A DOUBT, GRUNER IS NOT A HOUSEHOLD NAME AROUND THE WORLD. **HOWEVER, WE OCCUPY DOMINANT POSITIONS IN OUR TARGET MARKETS.**

As an internationally successful, family-run company, Gruner combines the skills set of a global player with the flexibility of a dynamic SME. Numbering almost 1,500, the employees at our locations in Germany, Tunisia, Serbia and India enable us to combine high levels of development expertise with the cost benefits of vertically integrated production operations. Our many years of experience equip us with a large portfolio of products for innovations and improvements. This enables us to live up to our claim, which is to innovate with proven technologies to create ever more efficient products, and to do so successfully.

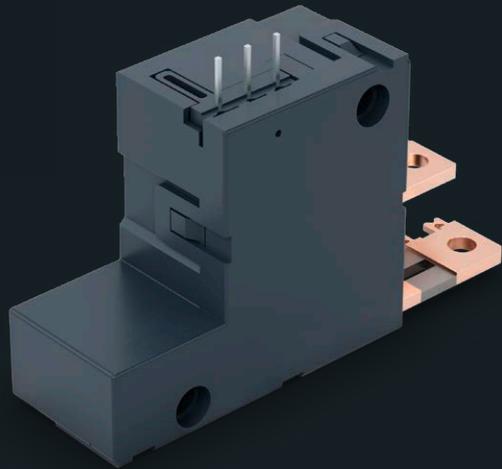
PATENTED SOLUTIONS
INNOVATIVE PRODUCTS ...



Made-to-measure solutions:
Linear solenoids
for haptic feedback



Patented solution:
Servomotor with volume
flow control display



The German Chancellor,
Angela Merkel, criticises Chinese
pirate copies of German products,
and she names the Gruner high-
current relay as just one example



We built our assembly plant in Tunisia back in 1977, and it was fully modernized in 2019.



We founded our subsidiary in Serbia in 2007.



In 2009, production commenced at the overseas plant in India.

NINETEEN FIFTY THREE

FOUNDED

1953

MANAGEMENT

Dr. Wolfgang Spreitzer
Patrick Spreitzer
Martin Spreitzer

EMPLOYEES

1,500 worldwide

INTERNATIONAL

- › Headquarters in Wehingen, Germany
- › Subsidiaries in Serbia, Tunisia and India
- › Worldwide sales through qualified representative offices

CERTIFICATION

- › ISO 9001 / IATF 16949
- › EMAS III
- › ISO 14001

1,500





GRUNER IS PERHAPS NOT
PARTICULARLY MUSICAL.
**BUT WE DO COMPOSE THE
IDEAL SERVOMOTORS –
ALSO FOR CONCERT HALLS.**

Gruner develops and produces servomotors and systems for OEM partners and building management and is the only manufacturer of servomotors able to provide customer-specific solutions on any scale of volume production. We possess great development expertise, and our entire mechatronics operation (mechanical componentry, switchgear technology, software) is accommodated in-house. Our many years of success on the market enable us to draw upon a large portfolio of servomotors, and also to create new ideas from this wealth of experience – for bespoke and made-to-measure solutions.



**OUR SERVOMOTORS ARE IN DEMAND FROM
OEM PARTNERS, ELECTRICIANS, PLANT
MANUFACTURERS AND PLANNERS.**

- › Damper **servomotors**
- › Volume flow and pressure controllers
- › Super-fast running **servomotors**
- › Damper **servomotors** for fire protection and smoke protection
- › **Servomotors** for the control of central and remote ventilation systems and for particularly noise-sensitive environments
- › Gateways to integration in existing instrumentation & control solutions





FOR YEARS, GRUNER HAS BEEN HEARING OF THE DEATH OF THE RELAY.
BUT WE LIVE ON OUR ABILITY TO KEEP ON DEVELOPING THIS TECHNOLOGY.

Gruner is one of the last independent manufacturers of relays in Germany, and is the undisputed technology leader and world market leader for latching relays in the metering and energy management sector. Our innovative developments in the automotive sector mean that Gruner relays are now just as likely to be found in mild-hybrid and electric vehicles as they are in wall boxes.

GRUNER RELAYS DELIVER CONVICTION

- › with high switching power at reduced levels of power consumption
- › with maximum switching reliability and long service life
- › with absolute reliability with a minimum of mechanical components



INNOVATIVE IN FUNCTIONALITY AND COST-EFFECTIVENESS

Gruner is the world market leader for polarised latching relays rated from 8 to 200 amperes, and we lead the world internationally in the metering sector, and in 48 VDC high-current relays for the automotive sector. In close collaboration with our customers, we develop innovative solutions that include intelligent relays for the applications of tomorrow.

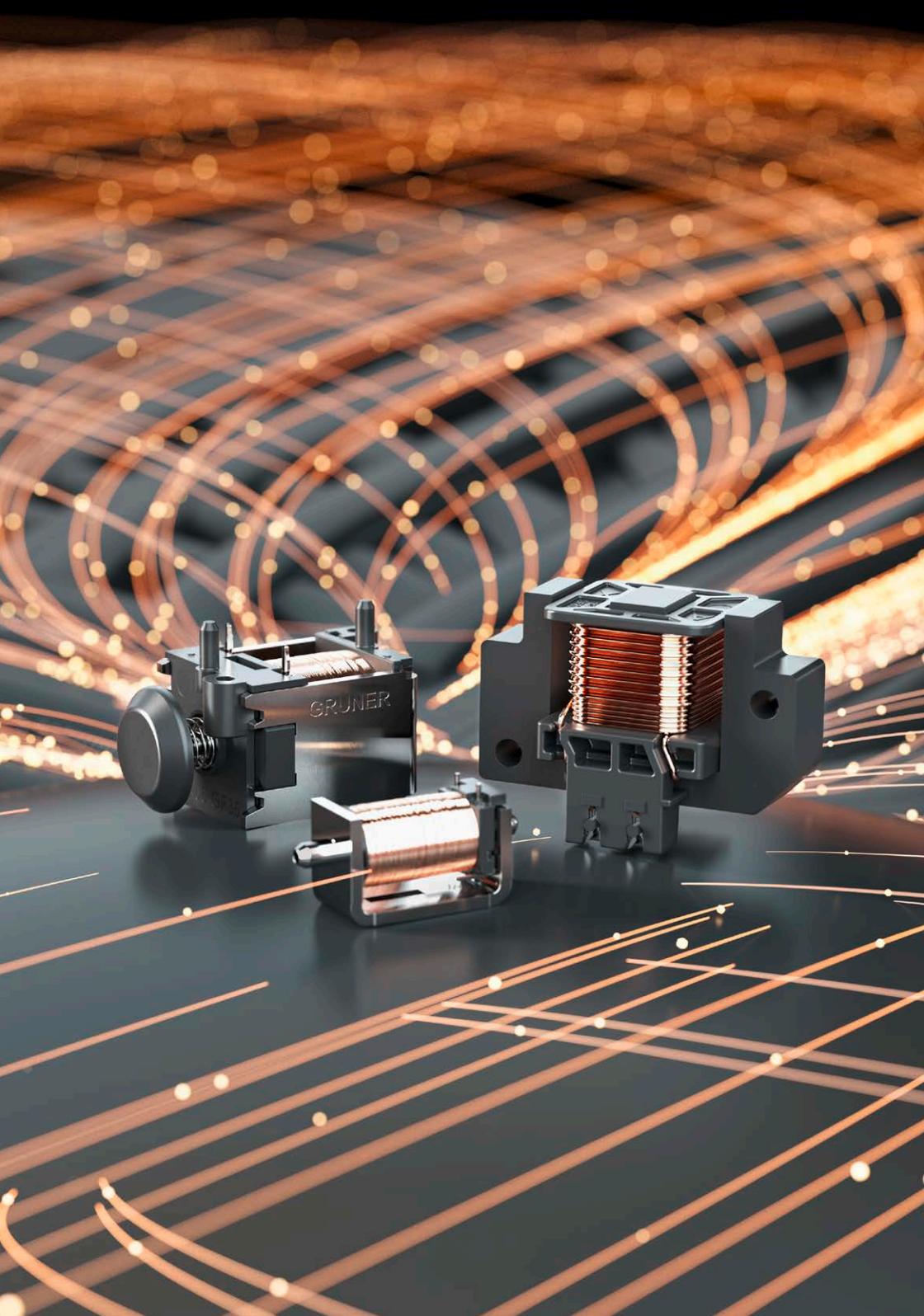




NOR DOES GRUNER KNOW
WHAT MOVES YOU.

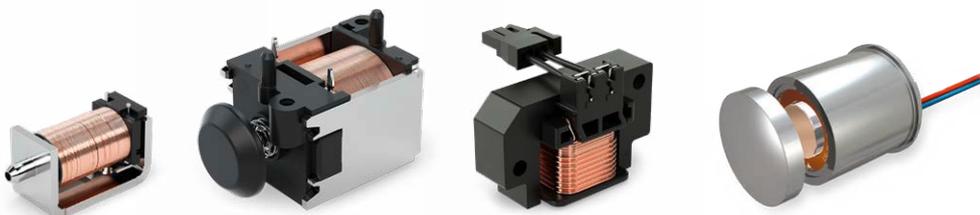
**BUT OUR SOLENOIDS ENSURE
THAT THE TOUCH RESPONSE
FROM YOUR DEVICES BECOMES
A REAL EXPERIENCE.**

Gruner is a sought-after development and production partner for customer-specific solenoids in the automotive, medical technology and mechatronics sectors. Project partners really benefit from our specialist and development expertise if they bring us on board from Day One. State-of-the-art CAD workplaces, FEM simulation and our own generously equipped test laboratory with endurance test equipment all help us to meet the challenging quality requirements of our customers while our in-house development strength enables us to make remarkably rapid progress with new and further developments.



GREAT KNOW-HOW IN BISTABLE AND MONOSTABLE SOLENOIDS

Linear solenoids, holding solenoids, solenoid valves – the galaxy of applications extends from engine management and transmission control to hot-water and industrial-water control to access control. Gruner solenoid solutions can also be found in touch applications for haptic response, or as solenoid valves in medical equipment.



SOLENOIDS

GRUNER AG

Bürglestraße 15-17 | 78564 Wehingen | Germany

T +49 7426 948-0 | F +49 7426 948-200

info@gruner.de