



WIELAND ELECTRIC

ALL AT A **GLANCE**

Company, solutions + products at a glance.

HELLO WIELAND ELECTRIC

Over 100 years of safe connections.

As the inventor of safe electrical connection technology,
we are committed to individual and safe system solutions.

Together with our broad product portfolio we offer comprehensive services for industry applications as well as building installation and lighting technology. This experience amounts to Wieland being the global market leader for pluggable, electrical installations in commercial buildings and a dependable partner for machine safety. Our solutions are designed for the secure safety of your team, ensuring that integration of our system is fast and easy while saving time and cost. Thanks to our modular solutions your requirements can be satisfied in a fast, flexible and fail-safe way.

We operate worldwide with subsidiaries, production facilities and sales partners and have an excellent global network. Our specialist teams are supporting customers and projects across the globe - personally and individually. Our competences in engineering, production and logistics processes are interlinked with each other for maximum efficiency.

We look forward to exploring all partnership opportunities with you.



1910

founded in
Bamberg



1600+

employees
worldwide



6

production
sites



70+

countries
worldwide

OUR SOLUTIONS + PRODUCTS.



Electrical installation in low protection classes

gesis®

Comprehensive plug & play installation plug-in connector system.

- 70 % time saving and 30 % cost saving due to pluggability
- Flexibly extendable thanks to pre-assembled cables
- Safety with color and mechanical coding

Applications:



Energy and data bus lines in buildings

gesis® NRG

Flat cable for energy distribution and lighting control.

- No baring, stripping or wiring of the cables necessary
- 30 % lower installation costs
- Penetration contacting for continuous contact quality

Applications:



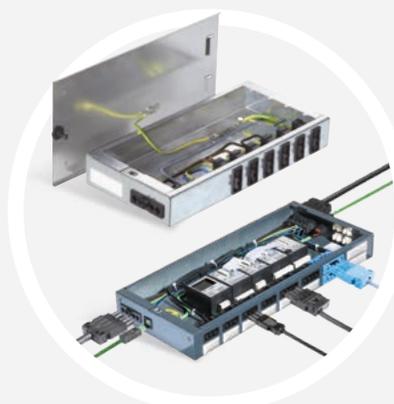
Smart Home installation

gesis® ELECTRONIC

Decentralized room automation made modular, compact and pluggable.

- Easy planning – streamlined structures
- Flexible room configuration
- Fits into any installation space (wall, floor, ceiling)
- Larger useful area thanks to smaller plant rooms

Applications:



Customer-specific system distributor

gesis® RAN

Diverse range of applications to suit your requirements - from the smallest distributor to smart room automation, load and measurement distributors through to distributors in harsh environmental conditions.

- KNX interface for components from third-party manufacturers
- Modular and pluggable
- Maximum flexibility

Applications:





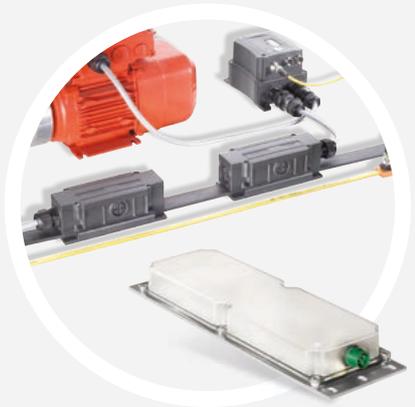
RST® connector system with high IP protection

RST®

RST® round connectors offer maximum reliability with protection up to IP69.

- Ideal for robust applications
- With pre-assembly and flexible extension at any time
- Color + mechanical coding, with locking mechanism as well

Applications:   



Energy bus system for machines + systems

podis®

70% time-saving with a decentralized energy distribution.

- Saving time and money – no baring and stripping necessary
- Flexible installation system reduced modification demand by more than 80%
- Permanently high contact quality with copper displacement contacts

Applications:   



Reliable power supplies and power packs

wipos

Efficient and reliable power supplies are the basis for all machines and systems.

- Worldwide application possible
- Durable in harsh environments
- Active monitoring

Applications:    



Industrial network communication

wienet

Switches, routers, gateways and a dedicated Cloud guarantee data exchange and perfect network communication all over the world.

- High network availability
- Flexible VPN complete solutions
- Dedicated Cloud solution with dashboard

Applications:   



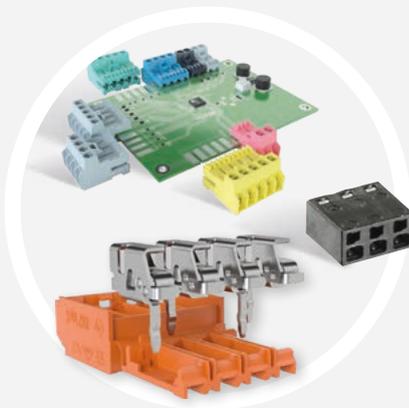
Safety technology in mechanical engineering

samos[®] PRO, sensor PRO, safe RELAY

Solutions for machine and system safety.

- Compact safety controllers with license-free programming software samos[®] PLAN 6
- Safety sensors
- Powerful safety modules
- Safety relays for all safety functions

Applications:



PCB terminals and plug connectors

wiecon[®]

Comprehensive portfolio – both service-friendly connectors and PCB terminals.

- No Flame in accordance with DIN EN/IEC 60335-1
- RoHS-compliant in accordance with the EU Directive
- Tape-on-Reel – packed in the belt

Applications:



Modular + robust industrial connectors

revos

industrial connectors for safe distribution of power and signals.

- Specially designed for use in particularly harsh environments
- Tin, silver, or gold contacts for optimum contact quality
- Maximum flexibility with connections and applications

Applications:



Space-saving terminal blocks

fasis + selos

terminal blocks with screw, tension spring, or smart push-in connection offer the optimal solution for industrial applications in confined spaces.

- Vibration-safe and maintenance-free terminal
- Saves time and reduces wiring and inventory costs
- Online terminal block configurator

Applications:



OUR SERVICE + SUPPORT.

We are your experts for customized solutions, both in the building technology sector and in machine building and plant engineering



Customized solutions

We create solutions tailored to your applications.

- Prototyping and customized solutions
- High production intensity
- Pre-assembly services
- Construction site logistics and order picking on request



Software solutions

Our software solutions enhance your performance

- gesis®PLAN planning tool for electrical installations with integrated check of the power load on cables
- samos®PLAN6 programming software: flexible, intuitive, license-free.
- wienet Cloud complete solution and support for mechanical engineering – everything from a single source
- wieplan CLICK2BUY online terminal block configurator with express delivery



Instruction + Training

For the machine safety + IT security in production sectors.

- Machinery Directive – Legal fundamentals of the Machinery Directive, the Product Safety Act and the Industrial Health and Safety Ordinance
- Validation, creation of secure software
- Prevention of cyber attacks and protection from unauthorized network access

OUR **SECTOR KNOWLEDGE.**

We have developed special industry knowledge in a diverse of specialized fields. This forms the basis of our successful solutions.



Light technology



Heating, Ventilation, Air Conditioning



Building installation



Machine building and plant manufacturing



Wind power and photovoltaic



Combustion technology



Lifts and escalators



Conveying and drive technology



wieland

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