



Smart in sensing

**A strong group.
For your success.**

Megatrends guide our corporate strategy

Serving markets that find answers to the challenges of global megatrends

Digitalisation

- 2025: 181 zettabytes of data, 2020: 64 zettabytes
- 80 % of data worldwide since 2019
- 2022: 50 billion IoT-connected sensors and devices
- 2021: 3.9 billion smartphone users worldwide

Decarbonisation

- Climate change omnipresent
- Target of the Paris Agreement: By 2050, reduction of CO₂ emissions to “ZERO”
- Increasing demand for energy, renewable, safe and nationwide

Demographic change

- Growth of world population from today's 8 billion to 10 billion in 2060
- Growing number of elderly people
- Increased demand for infrastructure, energy, water, food due to urbanisation

Smart in sensing

**OUR UNIQUE EXPERIENCE
AND KNOW-HOW MAKE
SENSING TECHNOLOGY
SMARTER, ADD MORE VALUE
AND PREPARE IT FOR A
SUSTAINABLE
FUTURE.**

Worldwide presence with more than 11,000 employees

Our local services

- Sales / stock
- Consulting, service, customised solutions
- Calibration for pressure and temperature measurement
- Diaphragm seal assembly
- Temperature probe assembly
- Development and manufacture in our own highly modern production sites worldwide




Headquarters in Klingenberg

German quality, made worldwide

High-tech technologies for optimised processes


- State-of-the-art production facilities
- In-house test laboratories
- DAkkS-accredited calibration laboratories
- ISO 5 (class 100) clean room for thin-film sensor production
- Lean management
- Quality management: DIN ISO 9001
- Environmental management: DIN ISO 14001

Headquarters

 2,300 employees

 50,000 m² area

Innovation Center

 > 50 M EUR total investment

 > 100 development engineers



“WE FOCUS OUR
INVESTMENTS ON
MARKETS IN WHICH WE
WANT TO PLAY A
LEADING ROLE IN THE
LONG TERM.”

A family business

In the best hands for over 75 years

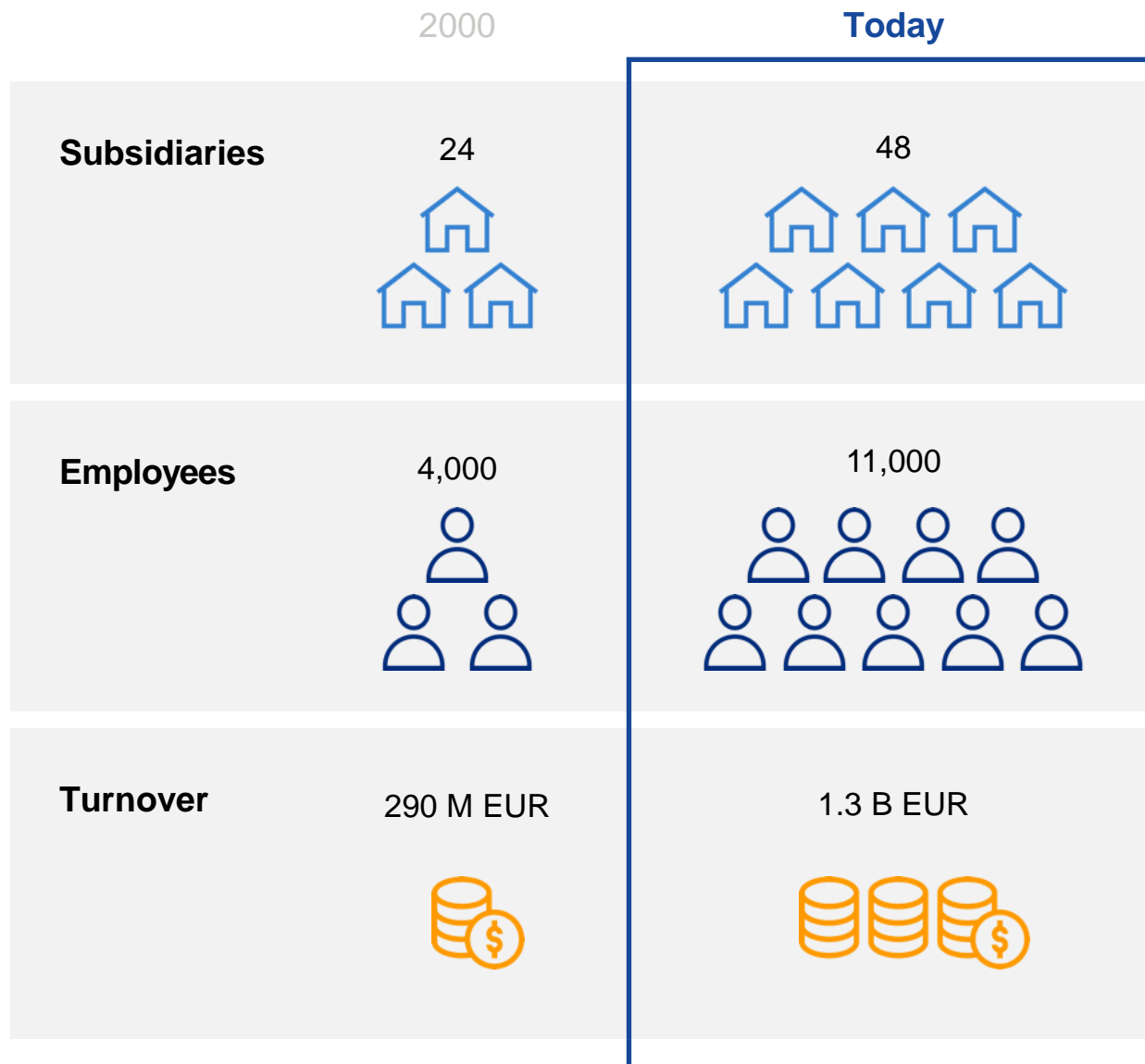
- 1946** Dipl.-Ing. Alexander Wiegand founds the company WIKAL together with Philipp Kachel
- 1951** Dr. Konrad Wiegand takes his father's place
- 1967** Ursula Wiegand takes over the company
- 1984** Ursula Wiegand is the first woman to become Business Owner of the Year
- 1996** Alexander Wiegand leads the family business into the 21st century



Milestones

Continuous growth through innovation from tradition

- 1979** Premiere: Introduction of the first electronic pressure measuring instrument
- 1986** WIKA takes over the Kachel thermometer factory
- 1996** WIKA becomes the number 1 worldwide for mechanical pressure and temperature measuring instruments
- 1999** New sensor centre: 10,000 m² production area featuring the latest in technology
- 2008** Majority holding in KSR KUEBLER Niveau-Messtechnik AG
- 2017** Introduction of the measurand force in the WIKA portfolio
- 2022** The new Innovation Center with an area of 24,000 m² is inaugurated
- 2023** WIKA develops new company strategy and gets “Smart in sensing”



Thinking in decades, not in quarters



Sustainable corporate leadership

- A family-run business for 75 years
- Alignment of the sustainability strategy with the Sustainable Development Goals (SDGs) of the UN
- The aim of the company management is to find answers to the challenges of global megatrends with our products



Environmental

- Material compliance, i.e. protection of people and environment from harmful substances
- Certifications eg. ISO 14001
- Promotion of the circular economy



Social

- Commitment at the social level, regionally and internationally
- Focus on employees
- Support in the field of education




Governance

- Increased cooperation with regional suppliers
- High vertical range of production down to the manufacture of the individual parts
- Economic stability as the basis for sustainable business

Our mission, our values


As trusted partner for superior sensing solutions we enable safe, efficient and sustainable processes.

Willingness to change




We see change as an opportunity
 We at WIKAI have the willingness and the competence to find new approaches and solutions under constantly changing conditions.

Fairness




We meet at eye level
 We at WIKAI treat each other with respect and treat everyone equally. We stand for diversity and appreciate different views.

Trust



We trust each other
 We at WIKAI can rely on each other. We stand by what we say and walk the talk. Loyalty is important to us.

Customer orientation



We create added value together
 We at WIKAI see ourselves as partners to our customers and continuously analyse their needs. With innovative and reliable solutions, we achieve a high level of customer satisfaction.

Empowerment



We empower people to take responsibility
 We at WIKAI have the freedom to make entrepreneurial decisions and take responsibility for them. We celebrate achievements and learn from mistakes.

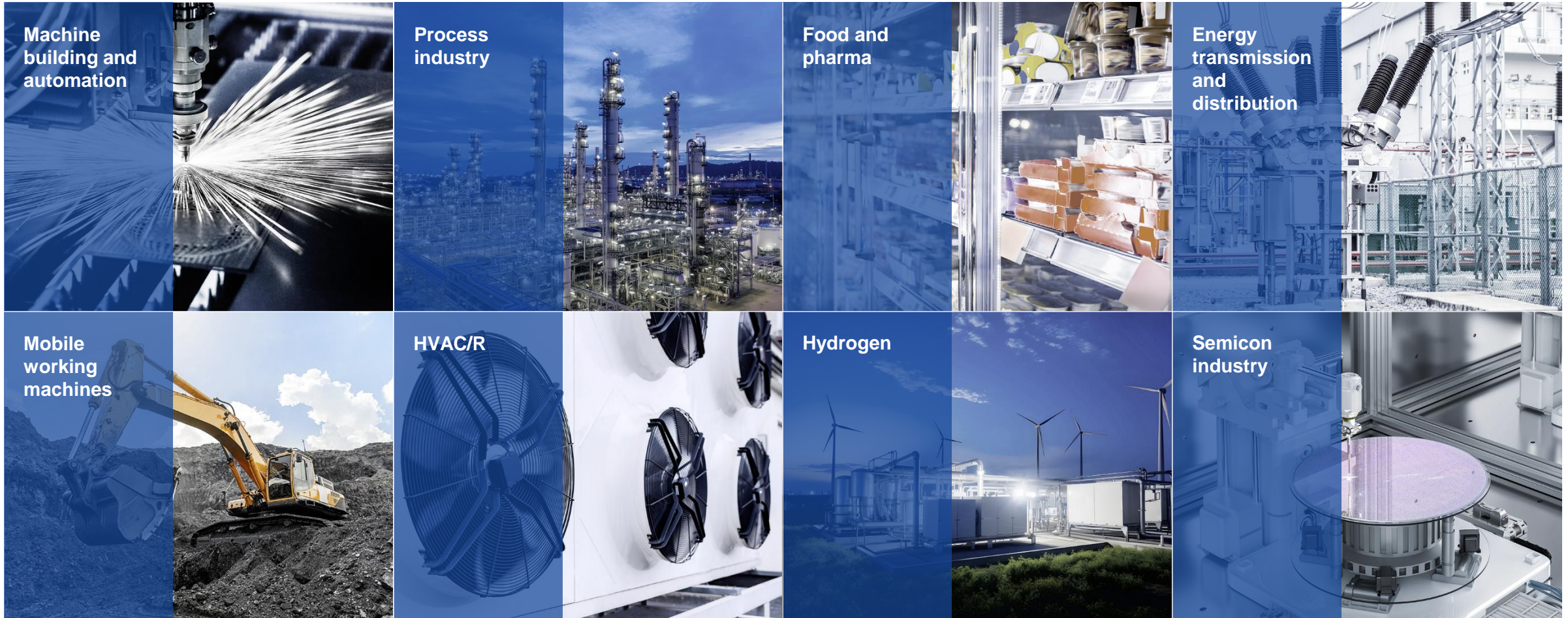
Teamwork



We are one company, one team
 We at WIKAI are multinational team players across all cultural and departmental boundaries. We are open to new ideas and have fun doing what we do.

Competence

Solutions for each application



Range of products

Smart in sensing

<p>Pressure Display, transmit, switch</p>		<p>Temperature Display, transmit & record, switch</p>		<p>Force Force transducers, load cells</p>	
<p>Flow Flow elements, flow switches, air flow sensors</p>		<p>Level Display, transmit, switch</p>		<p>SF₆ gas solutions Measure, analysis & detection, maintenance</p>	
<p>Calibration Pressure, temperature, current, voltage, resistance</p>		<p>Engineered solutions For all measurands</p>		<p>Accessories For all measurands</p>	

From measured value to added value

With our innovative complete solutions, we support our customers to become future-proof by offering new added value through the combination and use of digital measured data across the entire value chain.



Status monitoring & alarming



Plant monitoring



Predictive maintenance



Process optimisation



Production output

Precision from XS to XXL

Annual production

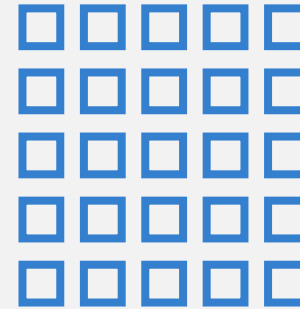
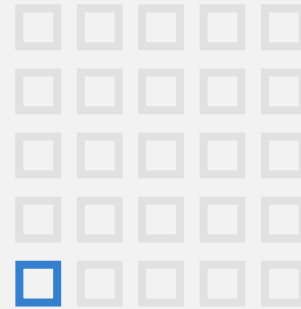
approx. 50,000,000 units worldwide



Lot sizes

1 unit

10,000 units and more



Measuring ranges

-250 °C

1,800 °C



0 ... 0.5 mbar

0 ... 15,000 bar



Prices per unit

EUR 2

over EUR 50,000



Global sales and distribution network

Always there for you

Calibration

Calibration service in our accredited calibration laboratories, or directly on-site at your location

Repair

Fast solutions in the event of malfunctions and repairs

Installation

Installation of your measuring units and support for the commissioning of your instrumentation

Consulting

Engineering and seminars, expanding your know-how about calibration and SF₆ with our experts

E-commerce

Direct data exchange, VMI, Customer Portal etc., electronic order processing (EDI)

WIKAI





Smart in sensing

Company division PI-WES

WEgrid Solutions

Milestones

Continuous growth through innovation from tradition

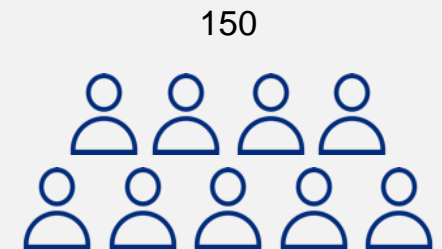
- 1976** Introduction of the first gas density monitor with bimetal compensation
- 1990** Introduction of the first gas density monitor with a bellows and an external temperature probe
- 1992** The first generation of “Online Monitoring” with a gas density transmitter
- 2000** Introduction of the first gas density indicators, gas density switches and gas density monitors for medium-voltage systems
- 2009** Acquisition of the SF₆ gas analysis specialists G.A.S.
- 2010** Extension of the portfolio with valves and gas handling equipment
- 2013** Introduction of high-precision digital transmitters incl. humidity measurement
- 2015** Recognition as testing and certification body for personnel certification in the handling of SF₆ gas
- 2017** Renaming of “SF₆ Solutions” to “WEgrid Solutions” and extension of the portfolio with IIoT solutions
- 2019** Opening of global service hubs
- 2021** Extension of the service offer (installations, on-site maintenance) and integration of SENSEOR into the CoE

Global PI-WES KPIs

Service & production sites



Employees



WEgrid Solutions - Application - Electric power transformation substations – High voltage

Product family WP01

Analysis



Product family WP05

Electrical instrumentation



Product family WP06

Mechanical instrumentation

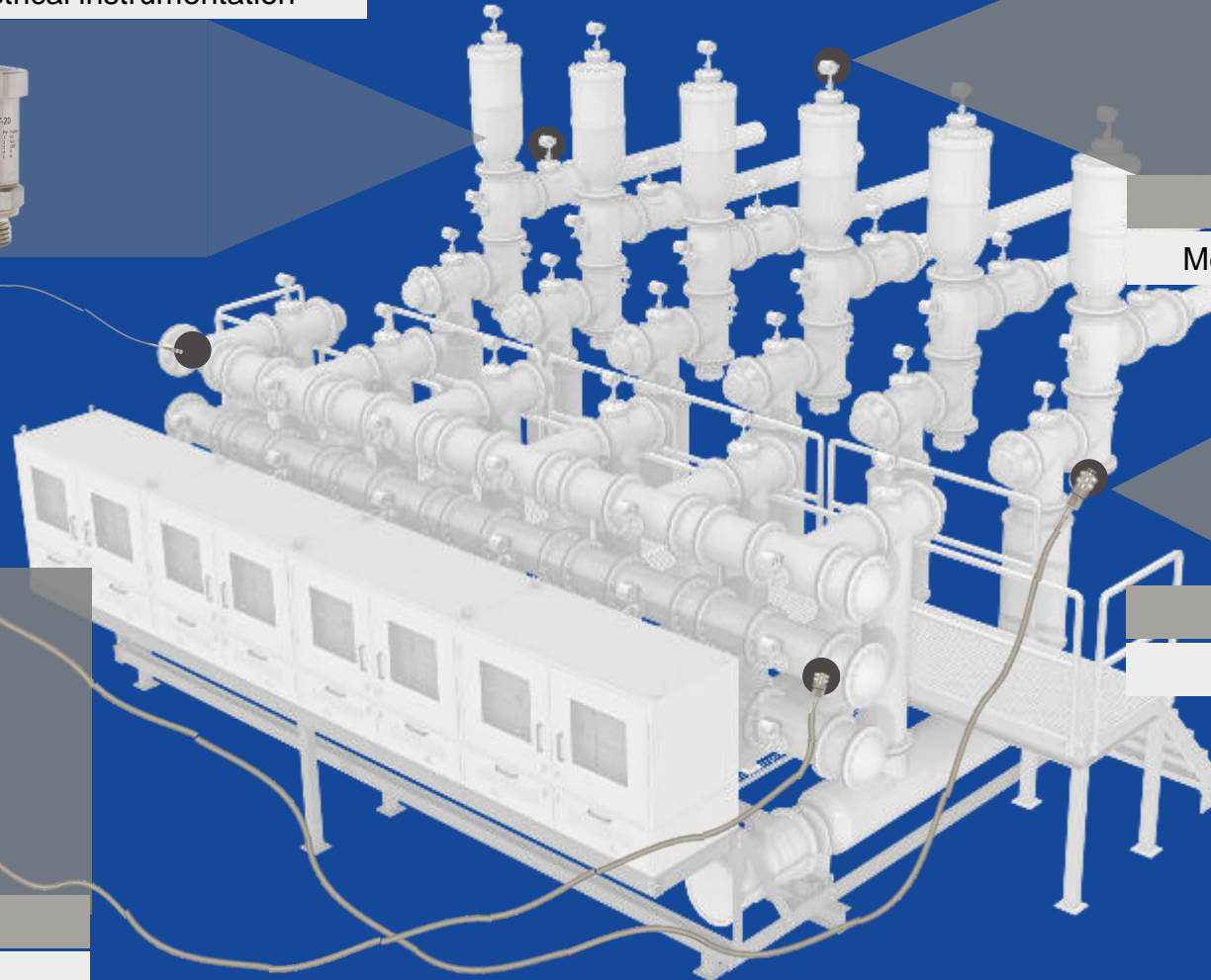


Product family WP02

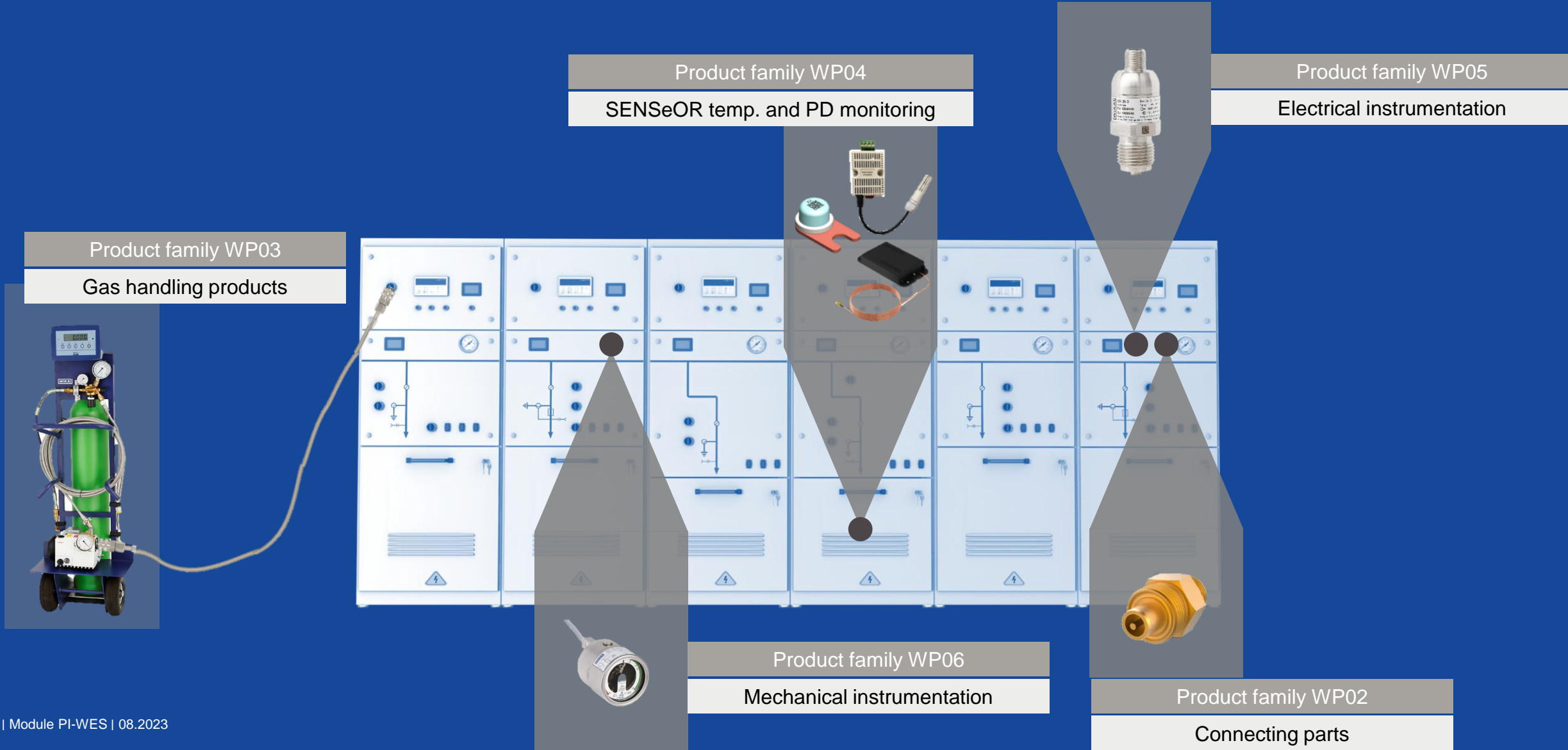
Connecting parts

Product family WP03

Gas handling products



WEgrid Solutions - Application - Electric power transformation substations – Medium voltage



Factories in 8 countries with 150 employees

Our services

- Development, production & consulting to provide solutions for the monitoring, handling & analysis of insulating gases in the power transmission industry
- Customised IIoT solutions for the digitalisation of medium-voltage and high-voltage switchgear
- Installation, repair & recalibration of SF₆ gas monitoring and service equipment



WIKA – Your reliable partner

Quality – Made by WIKA



Worldwide sales and service network with more than 1,500 sales professionals



Global manufacturing through worldwide production network



Measuring instruments for pressure, temperature, level, force, flow and calibration technology



Innovative partner for OEM applications



IIoT solutions



Subsidiaries and sales agencies in over 75 countries



Long-term security of supply





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More about “Smart in sensing” on:

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 YouTube

 Instagram

www.wika.com

www.smartinsensing.wika.com