

#### YOUR PARTNER FOR RELIABLE POWER SUPPLY

- **POWER** ENGINEERING
- POWER SYSTEM PROTECTION
- **ELECTRO**MOBILITY
- MEASUREMENT ENGINEERING
- **BUILDING** TECHNOLOGY
- (P) RADIO TECHNOLOGY
- INSTALLATION & SAFETY TECHNOLOGIES



#### PRI:LOGY Systems GmbH

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# **PRI:LOGY** SYSTEMS

As a system supplier, we are one of Austria's leading companies with our special products.

Our core programme includes power system protection with focus on standard-compliant power supply and monitoring systems for medical applications, such as hospitals, nursing homes or out-patient facilities, as well as special monitoring systems for early detection of insulation degradation in industrial plants, power stations and data centres.

With a view to meeting the highest quality requirements, we rely on certified manufacturers who can produce the highest quality on the most advanced production lines. Thanks to the existing know-how as well as experience and innovation, we are able to offer customized, safe and cost-effective solutions.

Our main stock with more than 2000 products is the core of our logistics concept and guarantees quick availability for our customers. Modern ERP software and an efficient sales organisation ensure orders to be processed as quickly as possible and deliveries to reach their places of destination in extremely short times.



### **COMPANY HISTORY**

1949	Foundation of the company as a representative of
	several cable-manufacturers.

1970 Take-over by Mr. Hans Fischmeister and development towards an importing distribution company.

1980 Continuation of the austrian cable representation under the new owner names of "Österreichische Kabelwerke" and "Pirelli OEKW" later on.

**1985** Focus on distribution of cabinet components.

1998 Foundation of a limited liability company (GmbH).

2002 Relocation to Leonding.

2003 Sales start of data and network cables including all necessary components. Introduction of the new CEO Ing. Günther Fürst.

2008 Change of majority shareholders. FÜRST Planungsund HandelsgmbH becomes majority owner. Enlargement of the product portfolio. 2012 Introduction of a quality management system according to ÖNORM EN ISO 9001 and certification by TÜV Süddeutschland.

2013 Relocation to Pasching due to continual growth and increasing number of employees. Start of exporting business to neighbour countries such as Slovakia and Italy.

2014 Enlargement of the export activites in Eastern Europe (Poland, Romania, Bulgaria, Hungary) and Ex-Yugoslavia (Croatia, Serbia, Slovenia, Bosnia-Herzegovina, Montenegro).

2016 Change of the company name into PRI:LOGY® Systems GmbH.

2017 Registration at Austria's Leading Companies platform (Leitbetriebe Österreich). Incorporation to an exclusive circle of particularly service-oriented companies.





# PROFESSIONAL SUPPORT THROUGHOUT AUSTRIA

Our goal is meeting your requirements with a quality that is perfect for you – "Customer satisfaction is our ultimate target!"

Specially trained staff will assist you in planning electrical equipment and systems, as well as recommending the most appropriate solutions. Our employees carefully examine your enquiry and make sure that you receive prompt and professional guidance.

As a provider of standard and customized solutions, we are the right partner for you with our competent team.

#### **OUR SERVICES**

- Assistance for planning, conception and commissioning
- Consulting for application-specific issues
- System extensions, modifications and retrofit
- Installation of visualisation solutions
- Training and instructioning
- Seminars and presentations
- Troubleshooting
- Service and maintenance

# POWER GENERATION, TRANSMISSION AND DISTRIBUTION

Insulation monitoring for early detection of insulation degradtions and for localisation of faulted feeders.

#### **SECONDARY SUBSTATIONS**

Power quality measuring devices according to DIN 50160 for all measuring tasks and for sustainable energy use in smart grids.

#### **INFEED OF RENEWABLE ENERGIES**

Measuring and monitoring devices for system and power protection of decentralized infeed of renewables in smart grids.

#### **CHARGING STATIONS**

Charging controllers, insulation and residual current monitoring as well as charging stations including load management for private and public areas.

# **SECTORS**

**AREAS OF APPLICATION** 



#### **MEDICAL APPLICATIONS**

- Switching and monitoring systems for secure operation in hospitals, clinics, sanatoriums, medical practices and medical service centers.
- Safety testing for electrical medical devices.

#### **INDUSTRIES**

- Insulation and residual current monitoring for early detection of insulation degradations.
- Energy management systems according to ISO 50001 for identification of savings potentials, improvement of energy efficiency and reduction of energy costs.
- Radio systems for specific safety requirements (SIL3
   Ple) such as large-scale cranes, overhead travelling cranes and heavy industry.

#### **FORESTRY**

Radio systems for agricultural and forestry machinery as well as winches of all types, tested and certified according to KWF standards.

#### **DATA CENTERS**

Residual current monitoring and power quality measurement meeting all typical requirements in modern data centers.

#### OFFICE AND INDUSTRIAL BUILDINGS

Flat cable systems meeting highest standards up to IP68 protection class for more flexibility in buildings and for cabling simplifications.





#### **POWER SUPPLY SYSTEMS**

- Transformers
- UPS systems
- Emergency power supply systems
- Switched-mode power supply modules

#### LOW VOLTAGE DISTRIBUTION

- Type-tested low voltage switchgears
- Open-frame distributions, universally applicable

#### POWER DISTRIBUTION COMPONENTS

- NH load break switches
- NH fuse bars
- Busbar systems 60 mm

#### **BUSBAR SYSTEMS AND INSULATORS**

- Busbars
- Busbar supports
- Copper materials
- Supporting insulators

#### **CONTROL CABINET COMPONENTS**

- Heating and fan-heating devices
- Filter fans
- Thermostates and humidity meters
- LED lights





# INSULATION MONITORING SYSTEMS FOR INDUSTRIES

- AC. AC/DC and DC mains
- Multi-channel evaluation
- Integrated web server

# RESIDUAL CURRENT MONITORING SYSTEMS

- TN and TT systems
- Multi-channel evaluation
- Integrated transducers

# SUPPLY AND MONITORING SYSTEMS FOR MEDICAL EQUIPMENT

- Control, changeover and monitoring modules
- Isolating transformers

- Insulation monitoring systems
- Control and alarm panels, visualisation

#### **MOBILE TESTING SYSTEMS**

Testing systems for electrical devices in medical applications, electrical machines and utilities

#### **MEASURING AND MONITORING RELAYS**

- Multifunctional monitoring relays for voltage, current and frequency
- Phase sequence / phase failure relays
- Asymmetry relays
- Loop supervision relays

#### **FAULT INDICATION SYSTEMS**

- Bus-capable systems
- Remote alarm systems
- Visualisation











#### **INSULATION MONITORING SYSTEMS**

- Monitoring of battery production for electric vehicles
- Insulation monitoring for unearthed DC charging systems
- Insulation monitoring for unearthed DC drive systems (IT systems) in electric vehicles

## RESIDUAL CURRENT MONITORING SYSTEMS

- Fault current monitoring
- Monitoring of loop resistance of protective conductor connections

#### **CHARGING CONTROLLERS**

- Safe and reliable charging of electric vehicles
- Integrated dynamic load management

- Integrated powerline communication
- Integrated emergency release
- Development of charging infrastructures according to calibration laws
- Smart grid-conform

#### **CHARGING STATIONS**

- Up to 22 kW charging capacity
- Charging controllers
- Integrated fault current detection and emergency release
- Authorisation via RFID or free charging without authorisation as an option
- Smart grid-conform



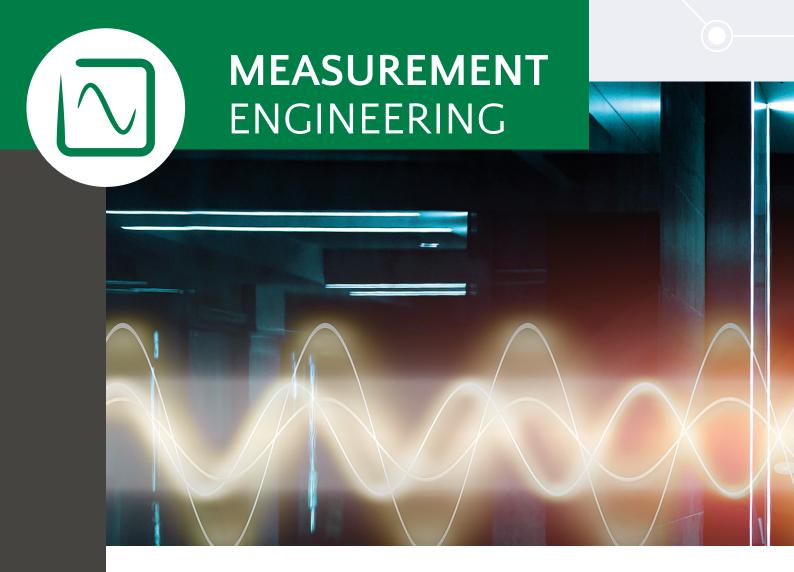












#### ANALOG MEASURING INSTRUMENTS

Moving iron and moving coil measuring instruments for AC and DC voltages

#### **DIGITAL MEASURING INSTRUMENTS**

- Process-controlled instruments
- Bargraphs

#### TRANSDUCERS AND SHUNTS

- Programmable transducers
- Shunts

# MULTIFUNCTIONAL DEVICES AND POWER QUALITY ANALYSERS

- Multifunctional measuring instruments
- Power meters, power quality analysers
- Mobile measurement boxes
- Visualisation

# LOAD CONTROL AND ENERGY MANAGEMENT SYSTEMS

- Energy meters
- Data loggers
- Load control management systems
- Visualisation

#### **CURRENT AND VOLTAGE TRANSFORMERS**

- For industries and billing purposes
- Rogowski coils
- Medium voltage sensors

# OPERATING HOURS AND PULSE COUNTERS

- Operating hours counters for AC and DC
- Pulse counters for AC and DC















# **BUILDING** TECHNOLOGY



### CONTROL SYSTEMS FOR LIGHTING AND SUN PROTECTION

- Flexbox distribution boxes for flexible and fast installation
- Smartflexx system for comfortable controls
- Switching modules and bus components
- Presence and motion detectors
- Multifunctional sensors (i. e. weather sensors)

#### PLUGGABLE CONNECTION SYSTEMS

- 3-pole to 5-pole
- Pre-assembled connection lines
- Distribution blocks for plug-connection systems

#### **FLAT CABLE SYSTEMS**

- Heavy current power lines from 1.5 to 25 mm<sup>2</sup>
- Combined heavy current and bus lines

- Connection boxes (no stripping) with screw or jack connections
- Fast connecting systems IP68 for highest standards

#### FLOOR, MOUNTING AND WALL SYSTEMS

- Floor boxes for cavities and raised-access floors
- Lockable floor boxes of IP67 protection class
- Socket systems for installation in floors, furniture, ducts, walls
- Socket systems for surface mounting





#### **SYSTEM PANTHER**

- System Panther for applications with long distances (2.4 GHz) and rough environments (IP66)
- System Panther winches package PNS R815-T1365
- System Panther PN-T19 for safety requirements

#### **SYSTEM PUMA**

System PUMA HY-T24/T26 with RFID detection and with bus interfaces CANopen, Modbus, SAEJ1939

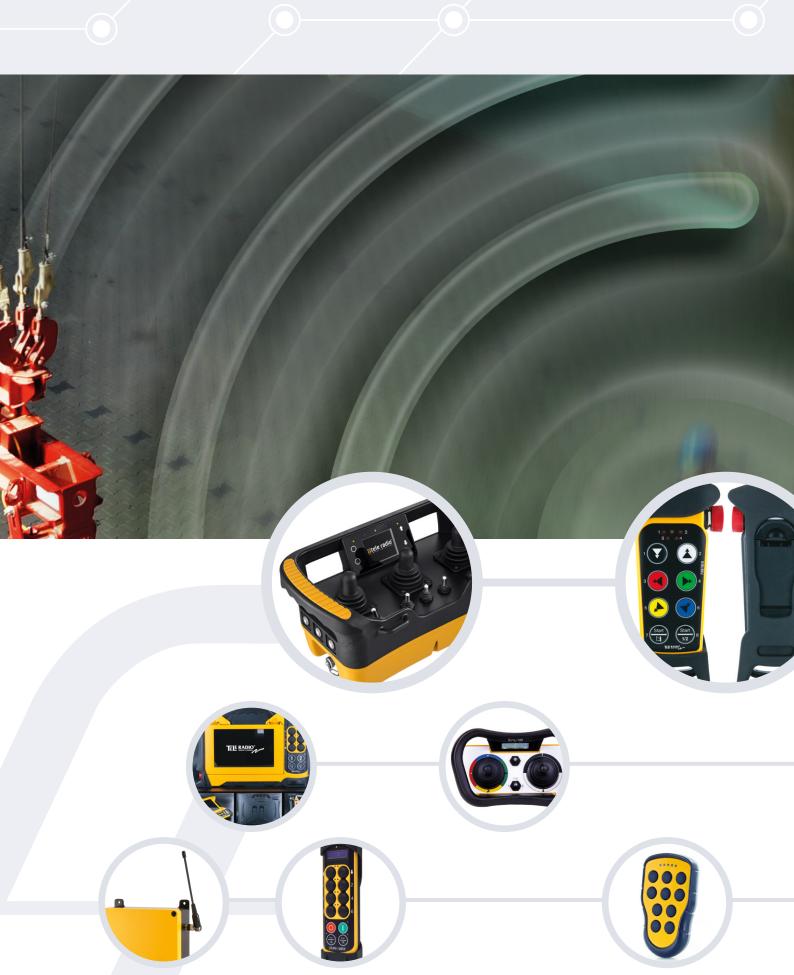
#### **SYSTEM TIGER G2**

- System Tiger G2 for specific safety requirements (SIL3 PLe), i. e. for large cranes, overhead travelling cranes, heavy industry
- System Tiger G2 for various communication

- technologies such as PLC, Modbus, CANopen, Profibus, Profinet
- System Tiger Forst for forestry applications

#### **COMPREHENSIVE ACCESSORIES**

Comprehensive accessories such as load measurement systems, customized foils, strap systems, vehicle mounting kits and many more





## FIRE SAFETY SYSTEMS WITH FLAT CABLES

- Safety flat cable FE180
- Cabling systems with maintenance of function (E30 to E90)
- Cable routing systems (E30 to E90)

# CIRCUIT BREAKERS AND CONTROL COMPONENTS

- Fault-current circuit breakers
- Line protection circuit breakers
- Motor protection switches
- Contactors and contactor combinations
- Lightning and overcurrent protection

- Analog and digital time relays
- Mini PLC

#### **FASTENING TECHNOLOGY**

- Profile rails
- Fixing brackets
- Slot nuts
- Shield clamps
- Cable clamps



# OUR GUIDING PRINCIPLE

PRI:LOGY STANDS FOR

**CUSTOMER-ORIENTED ENDEAVOURS WITH HIGHEST** 

POSSIBLE FLEXIBILITY. Our customers' demands are of highest importance for our decisions and activities. The requirements of our customers always have priority. Only customer-approved quality of our products confirms the success of the company.

**ZERO-DEFECTS PHILOSOPHY.** Zero defects are only possible in a tidy firm. For that reason we require from our employees to keep workplaces clean together with the environment.

**ECONOMIC MENTALITY.** In addition to high production efficiency and low numbers of production rejections, responsible handling of allocated ressources also acts as a major pillar for sustaining economic success.

COOPERATIVE PARTNERSHIP WITH OUR SUPPLIERS.

Suppliers are our partners. We want to have a fair relationship with our suppliers.

**CONTINUOUS IMPROVEMENT OF ALL PROCESSES AND PROCEDURES.** An efficient sales organisation is a priority target and a permanent executive function.

RESPONSIBILITY AS A LEAD COMPANY FOR SERVICE.

As a service leader, it is a matter of course, that all our activities and decisions are focused on humans. For this reason, we assume responsibility for our employees, the environment in which we live, and for society as a whole.





