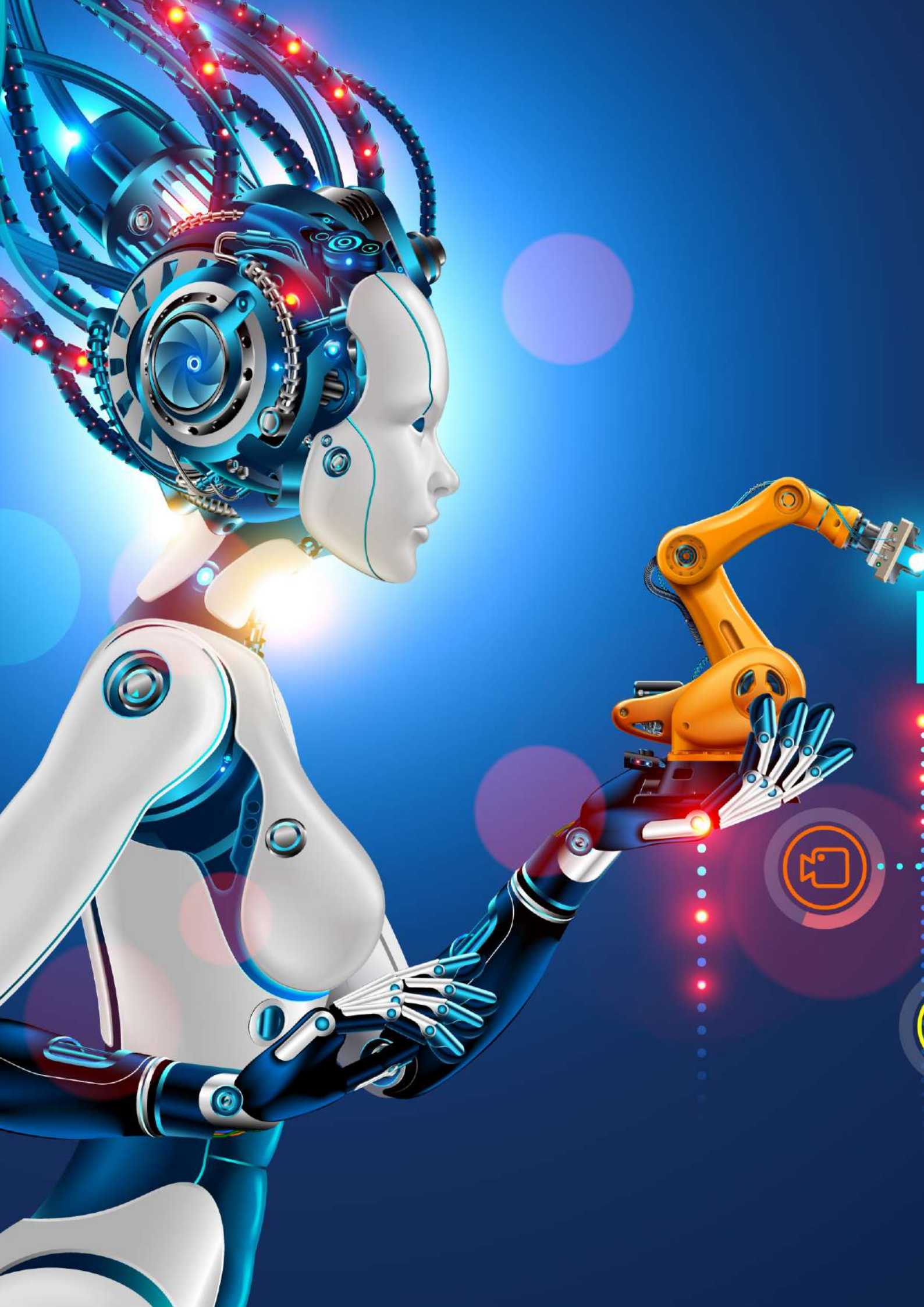


The logo for Mnelko Industrial Automation features the word "mnelko" in a bold, sans-serif font. The letters "mn" are blue, and "elko" is red. Below this, the words "Industrial Automation" are written in a smaller, blue, sans-serif font.





Corporate.....	5
Our Service Model.....	6-7
Brands.....	8-9
Products.....	10-27
Measurement Controllers.....	10-11
Temperature and Humidity Sensors.....	12-13
Measuring Instrumentation.....	14-15
Automation and Control Systems.....	16-17
Motor and Drivers.....	18-19
Industrial Switchgears.....	20-21
Industrial Sensors.....	22-23
Interface Electronics.....	24-25
Electrical Connection Products.....	26-27
Our Sectoral Expertise Areas.....	28-29
Engineering Services.....	30-31



# About us

As Mnelko, it is used in the country and abroad. industrial, serving mainly customer group supply of necessary products for automation applications and engineering services related to these products we are provider

With our 25 years of experience, management and supply from a single center Within the scope of our understanding of offering In our product portfolio that continues to expand with the following; PLC Automation Systems, HMI Systems, SCADA Systems, AC / Servo Motor Driver Applications, Industrial Security Systems, Camera and Barcode Reading Applications, RFID Systems, Robot Technologies, Process-Specific Applications, Dosing System- Advanced, Industrial Network Solutions, Data Collection Analysis and Transfer, Service, Maintenance, Calibration, Electrical Project, Panel Installation, Technical Trainings, Field Electrical Work- there are.

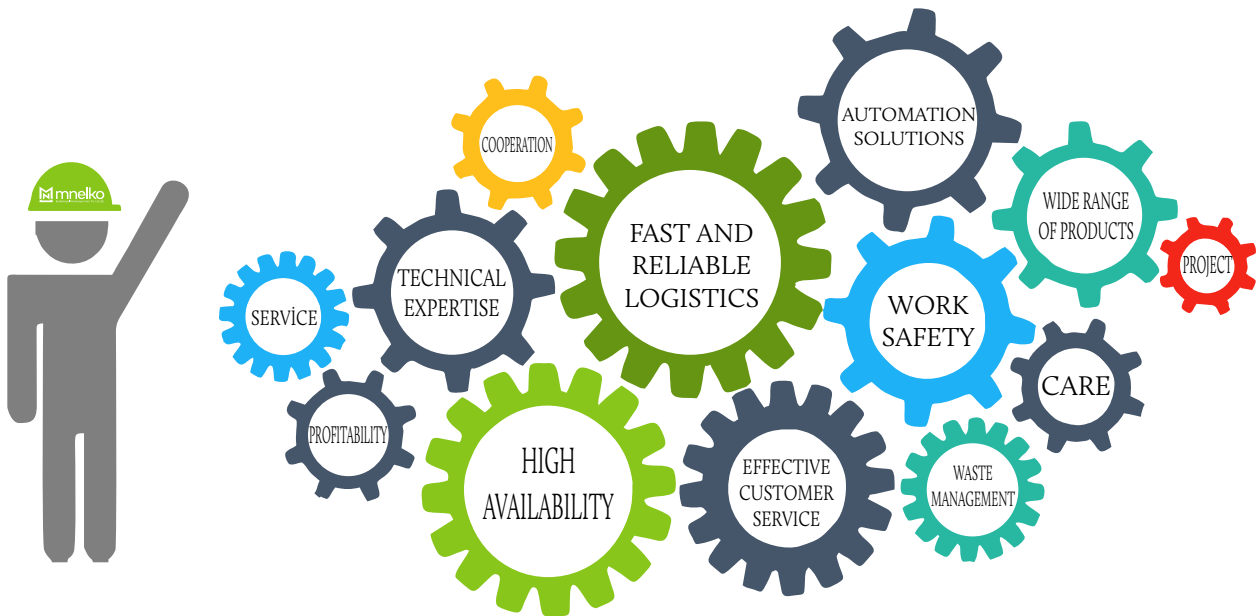
Today, the number of our services is 3000. Our customers exceeding in different fields and different sizes although the common goal of all

increase their efficiency and competitiveness while reducing As Mnelko, to contribute to the achievement of these goals of our customers with our technology and logistics investments product expertise and knowledge engineering, as well as providing uninterrupted product supply and technical support. We provide value-added services based on

In the service package we offer, information and in Another point that is as important as the service is our ability to provide business-specific and local service.15 With our experienced staff of 100.000 people and 100,000 stock items we distribute, we will provide you with the right products, at the right time. We also assume the role of transportation to our customers.

From machine manufacturers (OEMs) to maintenance services in the field of industrial production, the industry's in all different sectors improve our customers' supply chain and business processes and work to increase their productivity we continue.

*Technology meets experience in every field of industry...*



## Wide Range of Products

With our wide supplier base, Mnelko provides access to more than 100,000 product types from a single point. It has the ability to fully meet the automation and control system needs.

## High Availability

We offer the opportunity to reduce possible product delivery delays and production stoppages by keeping stock of all critical product types.

## Effective Customer Service

It is critical for our customers to be able to be reached quickly when needed. For this reason, we provide 24/7 service to every business we supply. Experienced customer Our representatives take care of the entire process, from product selection to order operations, from special packaging services to fast delivery tracking. We follow on your behalf.

## Fast and Reliable Logistics

It is on the basis of our ability to provide timely and accurate delivery guarantee to nearly 4000 businesses that we serve nationwide. It has a strong technology and business software infrastructure.



### Technical Expertise

Reliable product supply to the businesses we serve In addition, our engineering and product experts We offer the opportunity to receive support.

Visit our head office or your business Our technical experts who can

by organizing trainings, reducing your unplanned stops, save energy and improve your production quality.

We contribute to its growth.

### Our Goal: Profitability Cooperation

With the focus of Mnelko Service Model, we cooperate continuous productivity of businesses and results-oriented We contribute to its profitability. By working together for your business the most appropriate service in the following titles We create values by creating a model.

- Reducing Unplanned Machine Downtime
- Reducing the Number of Suppliers
- Reducing Spare Parts Inventory Investment
- Reducing Energy Costs
- Technical Employee Trainings
- Occupational Safety and Waste Management





























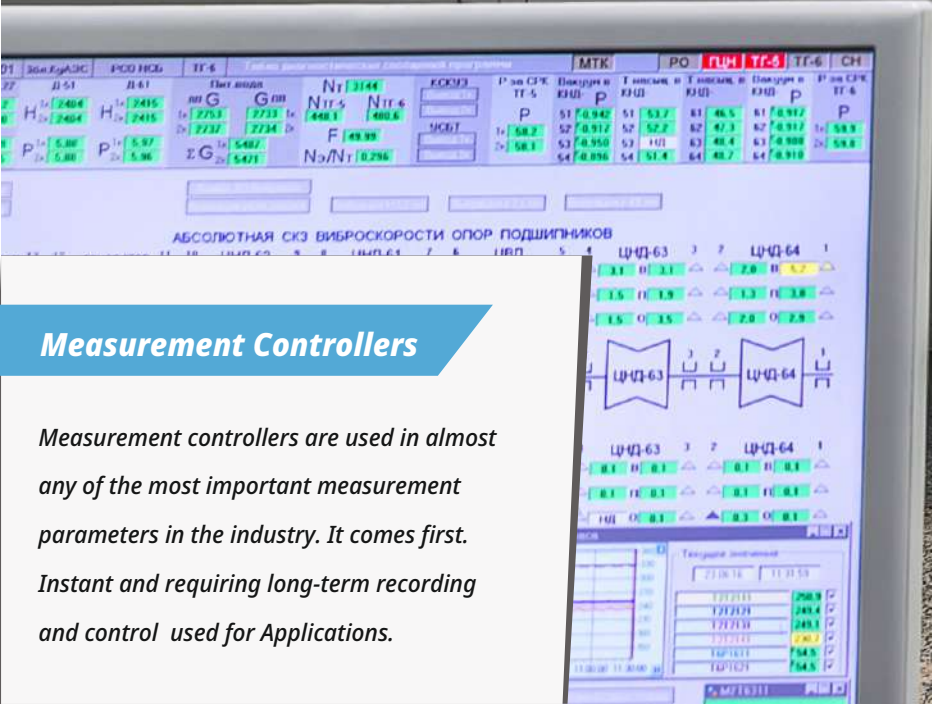










*Measurement controllers are used in almost any of the most important measurement parameters in the industry. It comes first. Instant and requiring long-term recording and control used for Applications.*

*Measurement controllers are used in almost any of the most important measurement parameters in the industry. It comes first. Instant and requiring long-term recording and control used for Applications.*

**LUMEL**  
EVERYTHING COUNTS

**Autonics**  
Sensors & Controllers

**JUMO**

**ESIT**

**Elimko**

**EMKO**

**WIKAL**

**ORDEL**

**ENDA**



Digital On/Off  
Temperature Controllers



Counters and  
Time Roles



Process Control  
Devices



Process Indicators



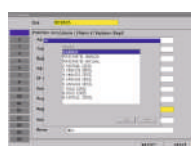
PID  
Temperature Controllers



Weighing Weight  
Converter and Indicators



Digital Potentiometer



Data Collection  
Software



Browsers



Signal Converters



Recording and Control  
Devices



Special Purpose  
Controllers





### Temperature and Humidity Sensors

Today, sensor technology has advanced considerably. Companies are making serious investments in this regard. Because trying to measure “true value” requires a serious investment. Precise temperature measurement the key to doing this is choosing the right sensor type. The following criteria determine the choice of probe suitable for porcelain.

- Measuring range
- Sensibility
- Probe response time
- Usage area



Thermocouple



Mineral Insulated Thermocouples



Portable Type Thermocouples



Inset and Inset Thermocouples



Resistance Thermometers



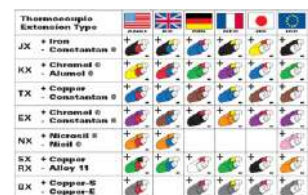
Thermowell



Thermocouple and Pt100 Spares



Thermocouple and Pt100 Heads



Thermocouple Compensation Cables



Accredited Temperature Calibration Center



L Type Thermocouples



Humidity Sensors





## Measuring and Instrumentation

*Increasing your measuring instrumentation plant efficiency and products that offer innovative measurement solutions to increase your product quality. Smart instruments also communicate with other industrial automation and control systems in the world on the same portals. Achieve transparency and digitization.*





Pressure Transmitters



Manometers



Thermometers



Temperature Transmitters



Hart Converters



Level Transmitters



Motorized Level Switches



Loadcells and Indicators



Flowmeters



Proportional Valves



Hydraulic and Pneumatic Valves



Encoders





## Automation and Control Systems

*By reducing manpower, the work is done by machines. manufacturing system produced to ensure are called automation. Use of labor and time ensuring that the most accurate methods are obtained it is lagging. The most accurate in cost analysis systems that produce results. By giving the fastest warning in case of failure play an important role in increasing productivity. of machines ensuring that it is kept under constant control, about the status of running and stationary machines provide information flow.*



**WAGO** **SIEMENS**

**LUMEL**  
EVERYTHING COUNTS

**Allen-Bradley**

**DELTA**

**FATEK®**

**EATON**

**OMRON**

**Schneider Electric**

**Beijer ELECTRONICS**

**ESM**  
AUTOMATION

**ELFATEK**  
ELEKTRONIK



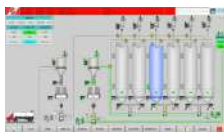
Industrial PLC



Products for Occupational Safety



Modular and Compact PLC



Automation Software



I/O Modules and Getaway



HMI PLC with Touch Screen



Smart Relays



Power Supplies



Programmable Extended Relays



Pako Switch, Signal Lamp  
Control Boxes & Joysticks



Control Buttons



Automation Systems





## Motor and Drivers

*An AC drive can be controlled by the speed of an electric motor, an induction motor or a synchronous motor. AC drives are also known by various names. Adjustable speed drives or adjustable frequency drives, or variable frequency drives. frequency drives (VFD) or variable speed drives (VSD) or frequency converters (FC).*

*The first electric AC motor was designed in 1899. Electric motors by electromagnetic induction Devices that convert electrical energy into mechanical energy.*

**Nidec**  
NIDEC COPAL ELECTRONICS

**CONTROL  
TECHNIQUES**

**SIEMENS**

**LEROY  
SOMER**

**EATON**

**Schneider  
Electric**

**BAUMÜLLER**

**Allen-Bradley**

**ABB**



AC Motor Speed Controller  
Devices



Advanced Speed Control  
Devices



Induction Motors



DC Drives



DC Motors



Servo Drives



Geared Motors



Softstarter



Electronic Engine  
Starters



High Torque  
Motors

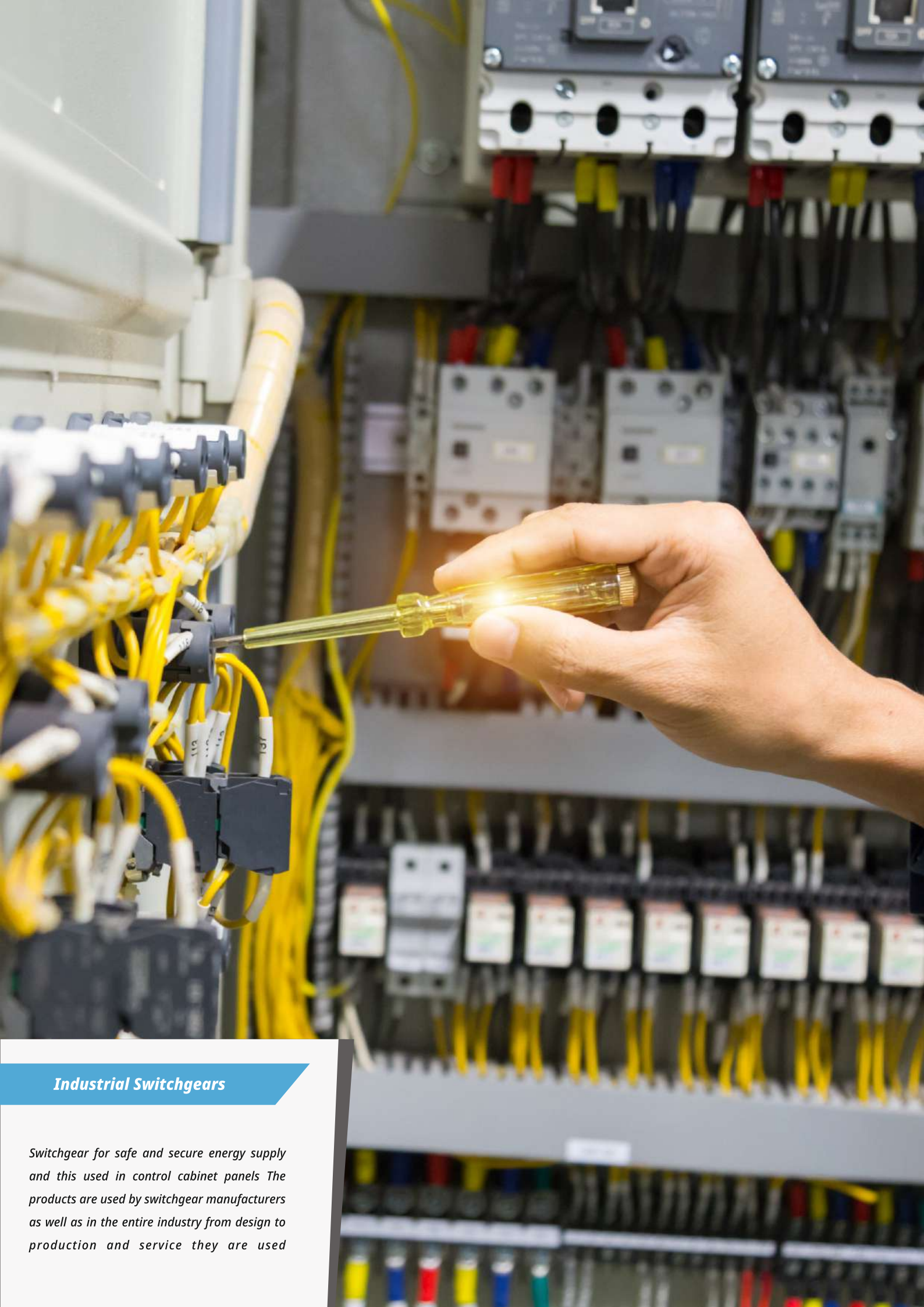


Fan Pump Speed Controller  
Devices



With Integrated Driver  
AC Motors





## Industrial Switchgears

*Switchgear for safe and secure energy supply and this used in control cabinet panels The products are used by switchgear manufacturers as well as in the entire industry from design to production and service they are used*



**EAT•N**

**ORTAC**  
Cable Glands and Accessories

**SIEMENS**

**GEWISS**

**Bussmann**

**bemis**  
endüstriyel elektrik malzemeleri

**emas**

**ABB**

**COOPER**  
Crouse-Hinds

**BİRTAŞ**  
KABLO

**TEMPA PANO**

**Schneider**  
Electric

**tuncmatik**  
pure power

**METE ENERJİ**

**legrand**

**SCAME**  
electrical solutions

**PRYSMIAN**  
Cables & Systems

**ELFATEK**  
ELEKTRONİK

**VARTA**

**LAPP**

**FLUKE**

**OSRAM**

**Pelsan**  
AYDINLATMA



Contactors



Contactors and  
Engine Protection



Compact  
Circuit Breakers



Auto Fuses



Crane  
Control Systems



Open Type  
Circuit Breakers



Industrial  
Plugs and Sockets



Industrial Led and  
Home-Building Systems



Weak Current and  
Control Cables



Panel Systems

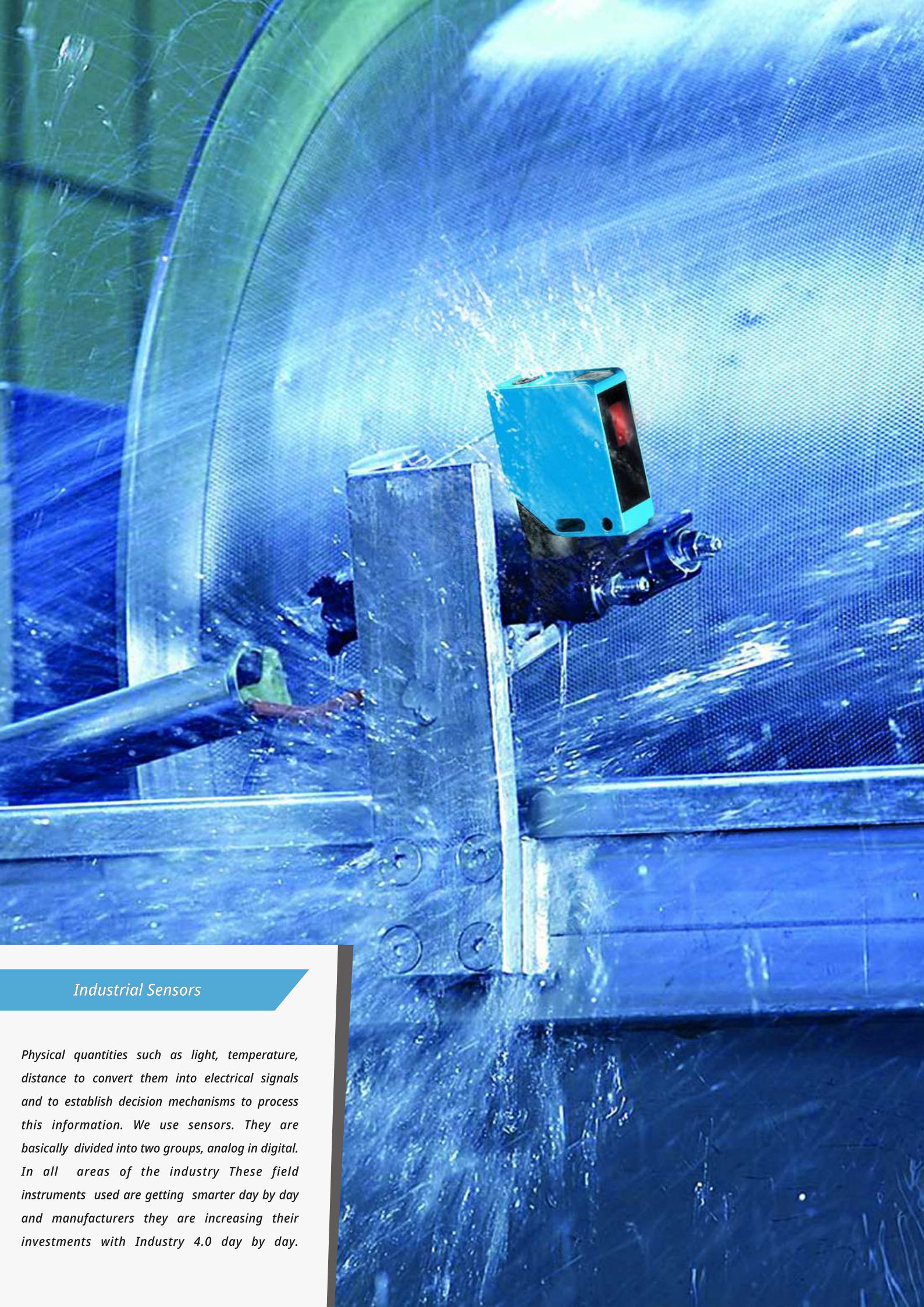


Electronic Fuses



Industrial  
ATEX Products





## Industrial Sensors

Physical quantities such as light, temperature, distance to convert them into electrical signals and to establish decision mechanisms to process this information. We use sensors. They are basically divided into two groups, analog in digital. In all areas of the industry These field instruments used are getting smarter day by day and manufacturers they are increasing their investments with Industry 4.0 day by day.





**Autonics**  
Sensors & Controllers

**SICK**  
Sensor Intelligence.

**wenglor®**

**CONTRINEX**

**Leuze electronic**

**TURCK**  
Your Global Automation Partner



**BALLUFF**  
sensors worldwide

**PEPPERL+FUCHS**

**.steute**

Ifm electronic 

**OMRON**

**EUCHNER**  
More than safety.

**SCHMERSAL**  
Safe solutions for your industry



Proximity Sensors



Photoelectric Sensors



Fiberoptic Sensors



Photoelectric Fork Sensor and  
Fork Type Sensors



Security  
Light Barriers



Image Sensors



Ultrasonic Sensors



Incline and Acceleration  
Sensors



Rope Units Encoders



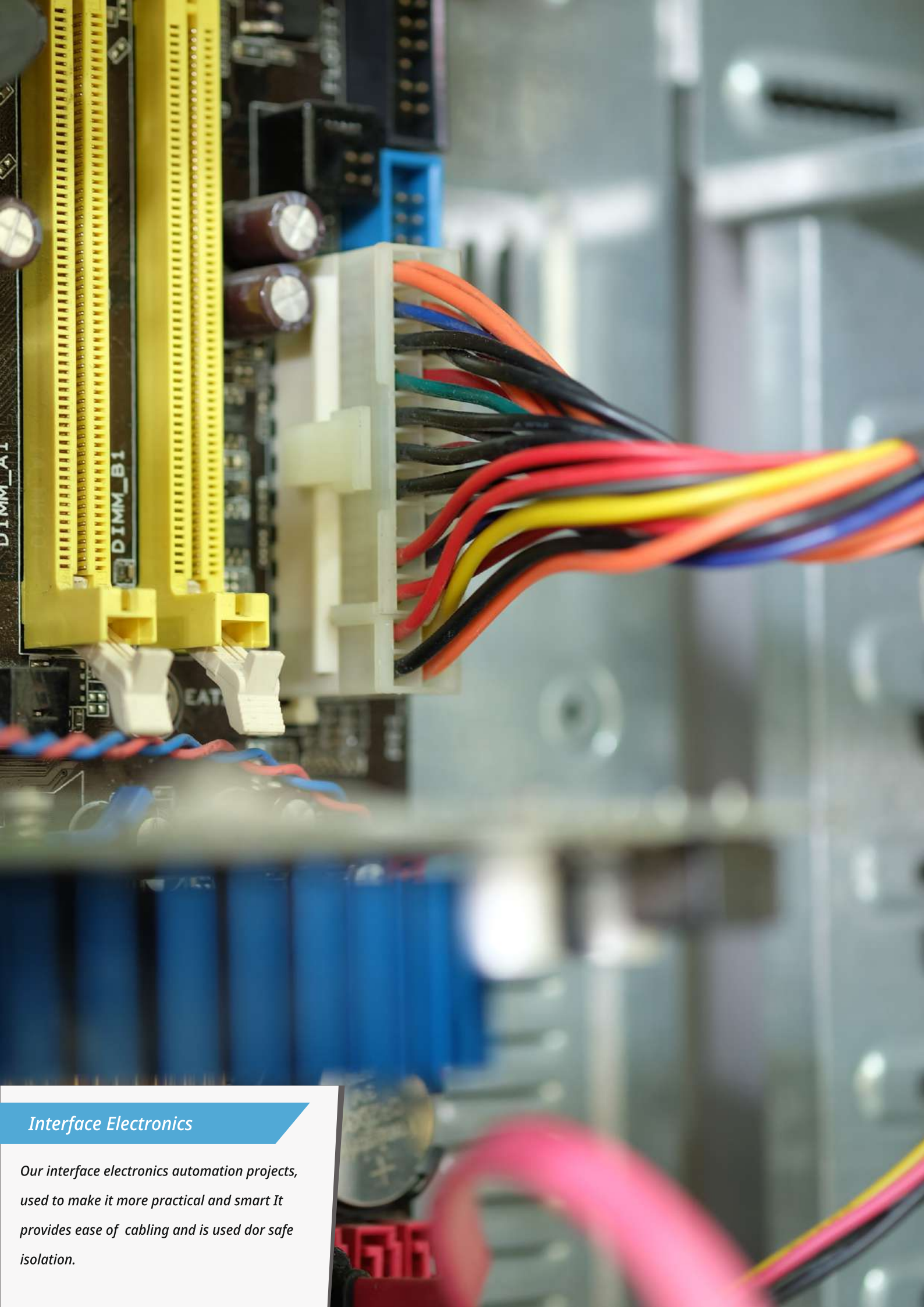
Industrial Communication



RFID  
Identification Systems



Industrial  
Image Processing Systems



## Interface Electronics

*Our interface electronics automation projects, used to make it more practical and smart. It provides ease of cabling and is used for safe isolation.*





**Weidmüller**  
The Interface Partner



Signal Converters And  
Risers



Relay And Optocoupler  
Modules



Power source  
Modules



Surge Protection  
Modules



Current Transformers and  
Voltage Samplers



Interface Modules



System Cabling



Advanced Converters



Analyzers



Electronic Connections



Safety Interface  
Modules



Advanced  
Power Supplies





## Electrical Fasteners

*Simple, safe, maintenance free: by DIN rail, circuit boards, cable ducts or control offers the right electrical connection solutions in panels. It saves time and does not require maintenance. They provide important advantages such as reliability for applications.*





Rail Terminal  
Systems



For Power Electronics  
PCB Terminals



Pluggable  
connectors



PCB  
Terminals and Connectors



Military Connectors



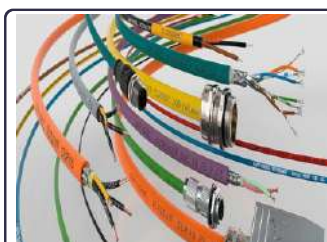
Cable Records



Cabling in the  
Field Sockets



Sensor  
Collector Distributor



Sensor  
Control Cables



Collection Boxes  
Junction Boxes



Panel and Cable  
Regulators



Servo Motor-Driver  
Cable and Connectors



**Metalworking Automation**



**Textile Automation**



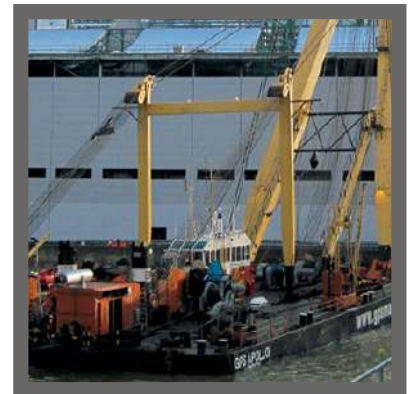
**Food Production and Packaging  
Automation**



**Marble Processing Automation**



**Woodworking Automation**



**Crane Automation**





**Plastic, Packaging and Paper  
Automation**



**Oil and Gas Automation**



**Chemistry and Petrochemistry  
Automation**



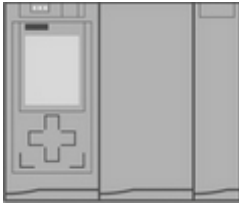
**Energy Automation**



**Mining, Cement and  
Iron and Steel Automation**



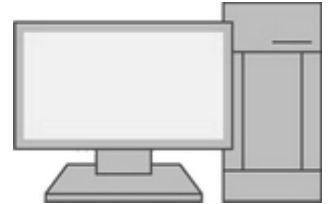
**Water Treatment and Marine  
Automation**



**PLC Automation Systems**



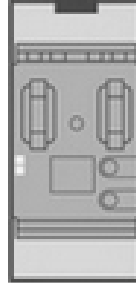
**HMI Systems**



**SCADA Systems**



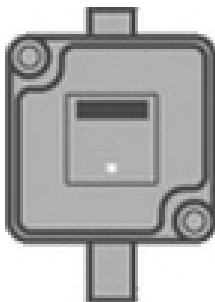
**AC/ Servo Motor and Driver  
Applications**



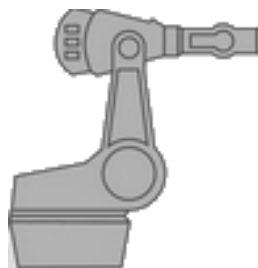
**Industrial Security  
Systems**



**Camera and Barcode Reading  
Applications**



**RFID Systems**

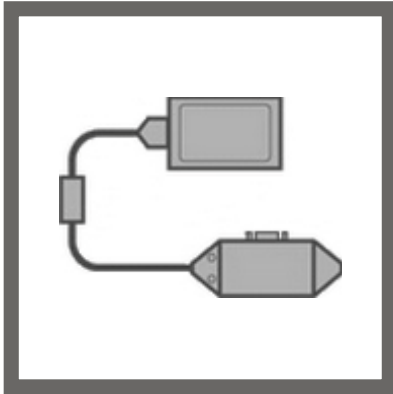


**Robot Technologies**

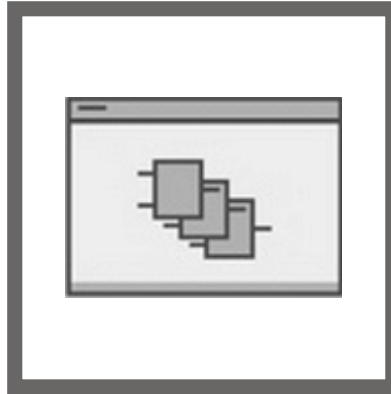


**Process Specific Applications**





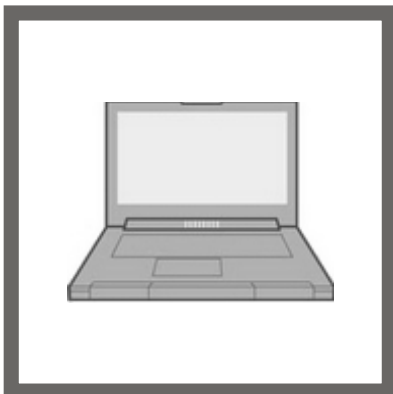
**Dosing Systems**



**Electrical Project**



**Industrial Network  
Solutions**



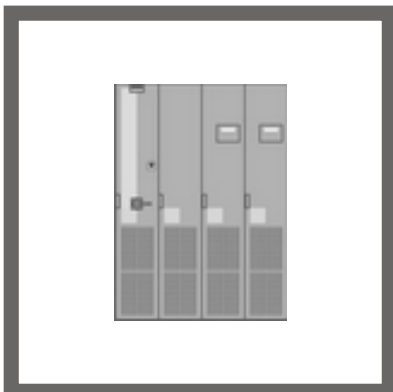
**Technical Trainings**



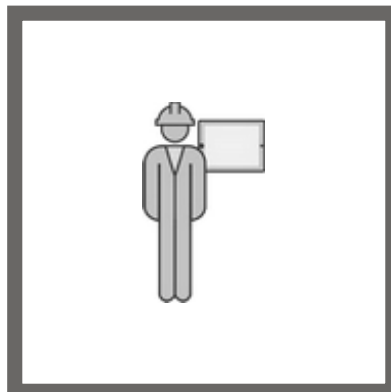
**Data Collection, Analysis and  
Transfer**



**Service, Maintenance and  
Calibration**



**Panel Assembly**



**Field Electrical Works**



 /mnelko\_endustriyel\_otomasyon

 /MnelkoOtomasyon

 /Mnelko Endüstriyel Otomasyon

Mnelko Endüstriyel Otomasyon San. Tic. Ltd. Şti.

Tel: 0224 366 35 56 - 0850 466 35 56 / e-mail: info@mnelko.com - www.mnelko.com

Alaaddinbey Mh. 629. Sk. Kaan Plaza No:1/ K Nilüfer/ BURSA/ TÜRKİYE