

SPECIALISTS IN SAFETY ENGINEERING

FOR THE PACKAGING INDUSTRY.



EUCHNER
More than safety.



WE PROVIDE SAFE, EFFICIENT, AND INTELLIGENT SOLUTIONS TO PROTECT PEOPLE, MACHINES, AND PRODUCTS.

SAFETY EXPERTS: For more than 60 years we have been developing and manufacturing high-quality safety engineering systems that can be efficiently integrated into machines and installations. That's not all: our solutions also automate your processes and increase the quality of your products.

SOLUTION DEVELOPERS: We understand the technical challenges you face and develop solutions that are customized to meet your specific requirements. We can rely on our own flexible, ultra-modern production systems which also allow us to manufacture small batches.

QUALITY SPECIALISTS: Our products exceed the quality requirements of standards and legislation and we are constantly working to improve them even further. We manufacture all the key components ourselves using state-of-the-art machinery. Our internal quality management processes ensure that our products meet the highest standards.



FOUNDED IN **1953.**

MORE THAN **800** EMPLOYEES.



40
SUBSIDIARIES AND
DISTRIBUTORS.



KEEPING EVERY ASPECT OF **PACKAGING** SAFE.

OUR PRODUCTS COVER THE ENTIRE PACKAGING PROCESS AND
NOT ONLY MAKE IT SAFER, BUT ALSO MORE FLEXIBLE AND FASTER.

**WE OFFER THE IDEAL SOLUTIONS FOR THE PACKAGING
INDUSTRY THAT MEET YOUR REQUIREMENTS.**



USE IN HOT AND COLD ENVIRONMENTS:

We supply solutions that can withstand temperatures from -25 °C to +80 °C.

➤ They protect processes operating at extreme temperatures.



USE IN HARSH CONDITIONS:

We supply solutions with a high resistance to a variety of chemicals.

➤ This allows you to use aggressive cleaning agents, acids, and alkaline solutions.



USE IN TOUGH CONDITIONS:

We supply dustproof and watertight solutions (degree of protection IP67/IP69).

➤ You can use pressure washers and steam cleaners without problems.



USE IN HIGHLY FLAMMABLE ENVIRONMENTS:

We supply solutions according to ATEX directive.

➤ This means that they can be used in potentially explosive atmospheres.



USE IN PROFESSIONAL PRODUCTION ENVIRONMENTS:

We supply solutions certified by Ecolab and authorized by the FDA.

➤ They allow you to fulfill the approvals required by the industry.



FLEXIBILITY ON OFFER

Our innovative wiring concept allows plants to be modified quickly to meet new requirements. We supply electromechanical and transponder-coded safety switches (with and without guard locking), magnetically coded safety systems, enabling switches, and safe small control systems with integrated AS-i Safety at Work.



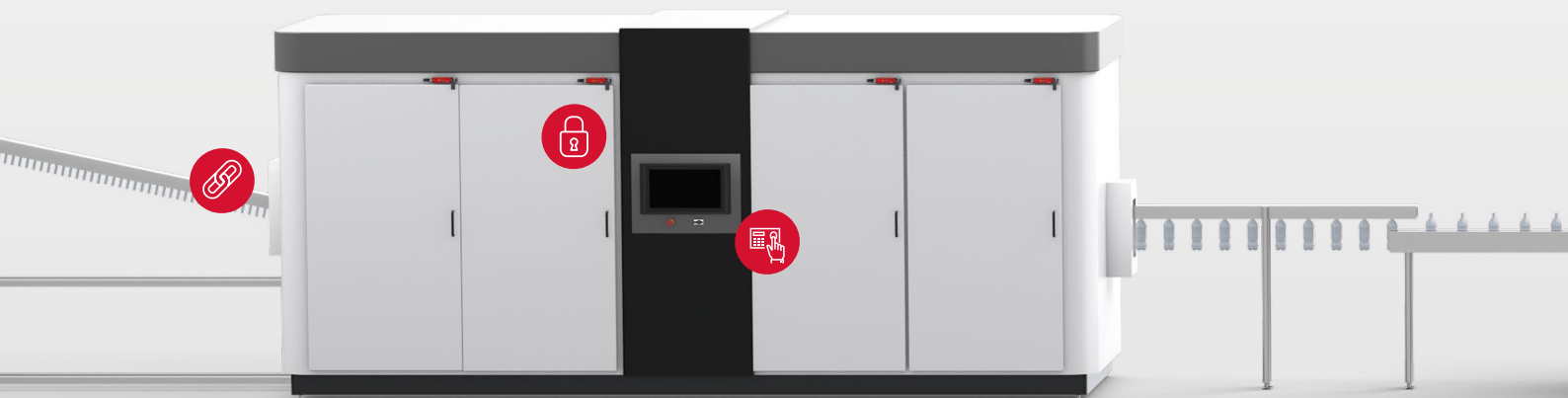
SAFE DOOR DETECTION

➤ If you are looking for a cost-effective solution to protect machinery and plants with many flaps, access points, and doors, you can rely on our transponder-coded and electro-mechanical safety switches. Thanks to our wide range of products, you are guaranteed to find the ideal solution, for example for concealed installation. Up to 20 switches can be connected in series and they are compatible with a variety of control systems. Another important benefit is the option of innovative communication between individual safety switches in the field. All the relevant sensor and device data are sent to the control system via IO-Link.



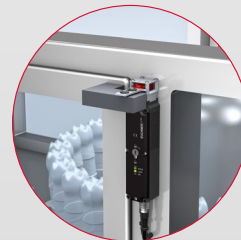
CES-C07

- Compact solution for concealed installation
- Relevant sensor and device data are sent via IO-Link
- Resistant to aggressive cleaning agents
- High degree of protection IP69



SAFE GUARD LOCKING

➤ If you want to protect your processes against unintentional interruptions and therefore guarantee the highest levels of availability, our transponder-coded and electromechanical guard locking systems make it possible. They are available in many types, in different shapes and sizes, and with different connections. The wide range of systems available enables you to find the ideal solution to meet your requirements. They are suitable for everything from small flaps to heavy metal doors. The switches can even withstand high tensile forces. They not only have an intelligent design, but can also be flexibly combined. Emergency and stop functions and command status devices can easily be integrated, keeping wiring work to a minimum.



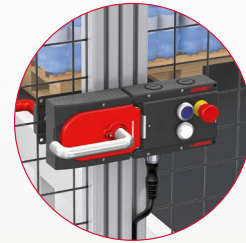
STAINLESS STEEL CTP

- High locking forces up to 3900 N
- Critical components made from high-quality stainless steel
- Resistant to aggressive cleaning agents
- High degree of protection IP69



DOOR LOCKING SYSTEMS

> If you need flexible safety door protection devices that meet the highest standards, we have the solution: the Multifunctional Gate Box MGB. This safety system not only provides protection from potentially dangerous machine movements. It also allows other functions, such as additional controls and indicators, to be easily integrated. Its intelligent, modular design turns the locking module into a small control panel, giving you a highly functional, compact door locking system that meets all the requirements for a safety door. The Multifunctional Gate Box MGB is also available in a Profinet variant.



MGB

- Locking force of 2000 N
- Can be used on hinged and sliding doors
- Optional pushbuttons and indicators can be integrated directly into the housing
- Designed for easy installation on profiles



ACCESS CONTROL SYSTEMS

> If you want to protect preset parameters from unauthorized access and improve the quality of your products while maintaining full control over user rights, our Electronic-Key-System EKS makes it simple. The Electronic-Key stores the access rights for every machine and every employee. The data are read by a reading device and passed on to the control system. This checks which rights have been assigned. Only predefined activities are permitted. You also have the option of blocking Electronic-Keys and preventing data from being tampered with. In addition, you can quickly switch user profiles. For example, during a shift change the machine reads an employee's user profile from their personal Electronic-Key. This keeps setup times to a minimum. You can also decide who can access preset formulations. As a result, you have full control over all your critical process parameters.



EKS MODULAR

- Automatic login and logout using the Electronic-Key
- Robust housing for use in harsh environments
- Consistent hygienic design
- Plastic with high resistance to corrosion
- High degree of protection IP65, IP67, IP69



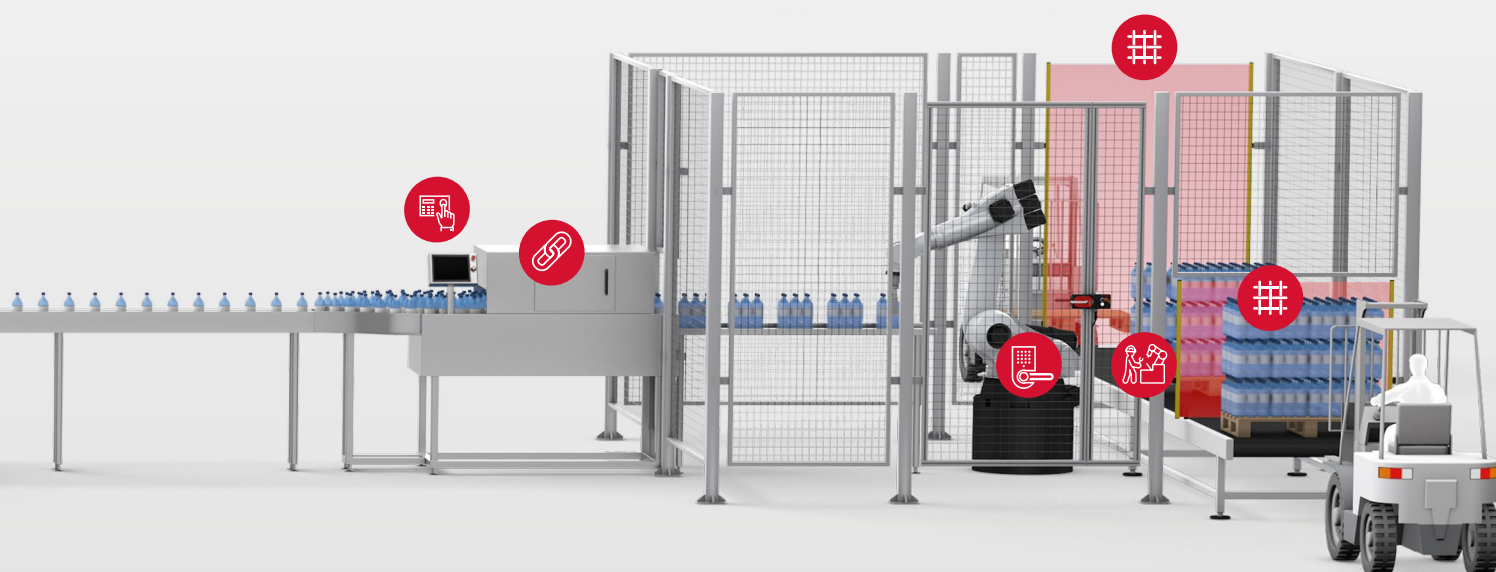
PENDANT STATIONS

> If you want to ensure the highest levels of safety during the setup process, our pendant stations are exactly what you need. For example, if your machine has to operate in jog mode during setup or servicing, our enabling switches and hand-held pendant stations keep the operator safe. Their modular design enables a large number of additional functions to be integrated. Stop devices, key-operated rotary switches, and keypads turn our pendant stations into multi-purpose systems. Another important benefit is that we can produce variants to meet your specific needs, even in small quantities.



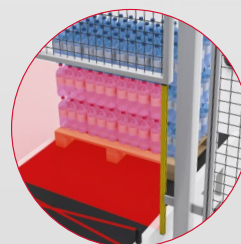
ZSM

- Robust, ergonomic design
- Wide variety of configurations
- Tactile and visual feedback
- Can be operated one-handed



LIGHT GRIDS/LIGHT CURTAINS

> If you want to transport pallets from the production area automatically, our light grids and curtains can be customized to meet your individual requirements. For example, if pallets are leaving the production area, they can pass through the protective field without triggering the safety function, while employees are still protected. Of course you can also protect entire areas, for example in the case of hazardous materials. Another benefit is that the non-contact safety guards are an effective space-saving solution wherever there is no need for a safety fence.



LCA

- Slim design
- Integrated evaluation function
- Effective protection against tampering
- High degree of protection IP65, IP67



SAFETY EXPERTS FOR THE PACKAGING INDUSTRY.



DO YOU AIM TO SAFELY FULFILL YOUR CUSTOMERS'
PACKAGING REQUIREMENTS?



> OUR PRODUCTS GUARANTEE THE HIGHEST LEVEL OF SAFETY
THROUGHOUT THE ENTIRE PACKAGING PROCESS.



Your packaging machines may need to dispense individual doses of medicines, put together specific combinations of foods, or change pack sizes quickly to meet your customers' specific needs. Their **safety requirements** are as challenging as their **demands for customization**. We supply a variety of products that allow you to meet your customers' high standards and, at the same time, provide effective **protection for people, machines, and products**. Our solutions can easily be integrated into **modular production systems**. We keep your employees and your plants safe.



CORROSION RESISTANT

INDIVIDUALIZATION

MORE THAN SAFETY

MODULAR DESIGN

PROCESS PROTECTION
MORE THAN SAFETY

QUALITY FLEXIBILITY

FAST FORMAT CHANGES

TEMPERATURE RESISTANT

MADE IN GERMANY

PERSONAL PROTECTION

OUR PRODUCTS FOR YOUR SAFETY.

SAFE DOOR DETECTION

Transponder-coded safety switches without guard locking:
CES-C04 // CES-C07 + ESM-CB // ESL

Electromechanical safety switches without guard locking:
NM // NP // SGP // NZ

SAFE GUARD LOCKING

Transponder-coded safety switches with guard locking:
CTP // CTP-Extended // Stainless steel CTP // CET

Electromechanical safety switches with guard locking:
STA // TP // STP

Safety switches with integrated mounting magnet:
CEM Standard // CEM-C40

DOOR LOCKING SYSTEMS

MGB // MGB2 Modular // MGBS

ACCESS CONTROL SYSTEMS

EKS // EKS Light // EKS USB // EKS Modular // CKS

PENDANT STATIONS

ZSM // ZSB // HBA // HBM // HBL

LIGHT GRIDS AND LIGHT CURTAINS

LCA

➤ YOU CAN FIND MORE INFORMATION ABOUT OUR PRODUCTS HERE:

www.euchner.de/en-us/Products

➤ YOU CAN DOWNLOAD CATALOGS AND BROCHURES HERE:

www.euchner.de/en-us/Service/Downloads

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