



Solutions and Systems for the Food Industry and Medical Technology

-  Cable
-  Connectivity
-  Cabinet
-  Control

LÜTZE Lösungen und Systeme für die Lebensmittelindustrie und Medizintechnik

Optimieren Sie Ihre Anlagen mit besonders langlebigen und effizienten elektronischen Komponenten von LÜTZE - Inside + Outside Cabinet!



Um den besonders hohen Standards in der Lebensmittelindustrie und der Medizintechnik gerecht zu werden, müssen die eingesetzten Komponenten und Lösungen spezielle Vorgaben erfüllen.

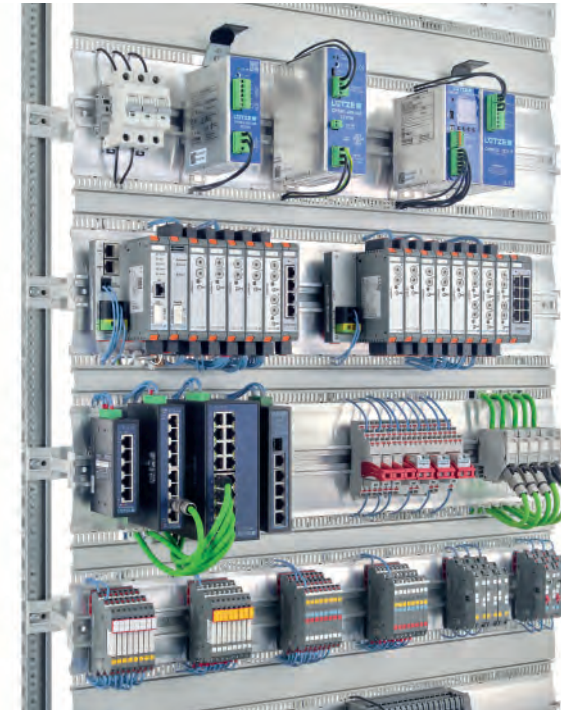
Neben der eigentlichen Funktionalität sind Platzeinsparung, eine Reduktion

des Energieverbrauchs und damit der Betriebskosten, die Verringerung von Standzeiten sowie die Unterstützung von schnellen Serienprozessen sicherlich mit die wichtigsten Anforderungen an die verbauten Komponenten. Darüber hinaus spielen Prozessüberwachung bzw. Monitoring sowie eine modulare

Bauweise, ein hoher Automatisierungsgrad oder auch hohe Schutzarten eine sehr große Rolle. Und natürlich gewinnen auch ökologische Aspekte, wie ein möglichst kleiner CO₂-Fußabdruck immer mehr an Bedeutung.

Die Vorteile der LÜTZE Technik für die Lebensmittelindustrie und Medizintechnik

- **AirSTREAM®** : Platzeinsparung, Energie- und Kostenreduktion, mechanische Belastbarkeit sowie ein hoher Standardisierungsgrad
- **AirBLOWER®** : Energie-, Kosten und CO₂-Reduktion, Erhöhung der Betriebssicherheit, Reduktion von Standzeiten
- **LÜTZE Spannungsversorgung**: Platzeinsparung und Verringerung der Energiekosten
- **LOCC-Box, PANELCON®, Switch**: Für mehr Betriebssicherheit, Platzeinsparung, hohe Schutzart, mechanische Belastbarkeit, Montagefreundlichkeit sowie Standardisierung
- **LCIS Halbleiterrelais**: Energiereduktion, Platzeinsparung
- **Daten-, Steuer-, Servoleitungen und Konfektionen**: sorgen für eine sichere Verbindung von System- und Antriebstechnik
- **Kabelverschraubungen und Kabeldurchführungen**: sorgen für Montagefreundlichkeit und eine hohe Schutzart
- **M8 und M12 Aktor-/Sensortechnik sowie Interfacetechnik**: ermöglichen schnelle Prozesse durch Plug & Play sowie einen hohen Automatisierungsgrad
- **Single Pair Ethernet**: unterstützt die Kommunikation der Anlage und somit die Betriebssicherheit.
- **Interfacetechnik**: Für mehr Betriebssicherheit
- **LCOS und LUNA**: Standardisierung und modulare Bauweise, Reduktion von Standzeiten, Prozessüberwachung
- **Ventilstecker**: Montagefreundlich und tragen zur Standardisierung sowie Reduktion der Energiekosten bei



Inside und Outside Cabinet

LÜTZE bietet ein eng aufeinander abgestimmtes und besonders effizientes Portfolio für **“Inside und Outside Cabinet”**.

Unsere vier Produktbereiche teilen sich dabei aufgrund der völlig unterschiedlichen Anforderungen in einen Bereich innerhalb und einen Bereich außerhalb des Schaltschranks auf.

Für die Anwendung außerhalb des Schaltschranks bieten die Produktbereiche **Cable** und **Connectivity** besonders zuverlässige, robuste und hochflexible Leitungen - auf Wunsch konfektioniert. Zusätzlich bieten wir Entstörtechnik, Steckverbinder und Netzwerktechnik an. Für die Anwendung innerhalb des Schaltschranks, umfasst der Bereich

Cabinet das platzsparende und thermisch optimierte sowie besonders energieeffiziente System **AirSTREAM** zur Schaltschrankverdrahtung. Ergänzt durch den Produktbereich **Control** mit universeller Interfacetechnik, verschiedenen Stromversorgungslösungen, intelligenter Stromüberwachung und Infrastruktur für das Industrial Ethernet.



Solutions for production plants for food or pharmaceutical products



AirSTREAM® & AirSTREAM® Compact compared to the mounting plate

- Space savings up to 30% compared to mounting plate
- Standardization
- Reduction in control cabinet size
- Decrease in production times
- High mechanical durability
- Unified control cabinet climate

Selective current control

Industry 4.0 compatible/IIOT



LOCC-Box / LOCC-Box Net:

- Space-saving, also available as compact LOCC-Box-M Mini
- Reliable tripping behavior up to 120 m

LUNA Board:

- space-saving, reliable triggering behavior, user-friendly assembly

Ethernet Infrastructure



Switches / POE Switches:

- High operational reliability
- Easy to install
- Process monitoring/Monitoring

Ethernet Cables:

- For connecting Ethernet technology and monitoring systems BUS and network cables

BUS and Network Cables:

- Profinet, Ethernet, CAN-Bus
- Other BUS Systems

Wall opening / USB interface technology



BUS couplers & gateways:

- High level of automation
- Process monitoring/Monitoring
- High operational reliability
- Reduction in downtime

Panelcon®:

- High protection class IP69K
- Modular and user-friendly: Key Stone

LCIS solid state relay



- High operational reliability

AirBLOWER® & AirBLOWER® Compact



- Reduction in downtime by preventing hot spots
- Up to 25% energy savings by reducing active cooling power
- Improvement of CO₂ Footprint
- Unified control cabinet climate

Power Supply



- Space-saving compact power supplies
- Very large AC/DC input voltage range and output voltages of 12V/24V/48V/72V
- Power boost function
- High efficiency

Cables, Wires & Prefabricated parts



Servo cables and prefabricated parts:

- In line with Siemens®, Allen Bradley®, Bosch®, and the upcoming SEW standard

Data and control cables:

- For flexible and highly flexible applications with high mechanical durability

Valve Connectors



- High protection class
- Energy reduction with energy saver

Cable glands / Cable entry systems



Cable entry systems:

- High protection rating and mechanical durability
- Easy to install

Cable glands:

- High protection rating and easy handling

M8 & M12 actuator / sensor technology



- High level of automation



Solutions for processing machines



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Solutions for mixers and blenders



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Solutions for drying and temperature control



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Solutions for handling and conveyor technology



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Switches / POE Switches:

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Wall opening / USB interface technology



BUS couplers & gateways:

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Solutions for weighing, portioning & dosing



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Wall opening / USB interface technology



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Solutions for packaging machines & systems



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Solutions for bottling plants



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Cable Solutions
High flexing cables for industrial applications

Connectivity Solutions
Industrial Ethernet, Cable Assemblies,
Actuator Sensor Interface, Connectors and
Suppression Technology

Cabinet Solutions
AirSTREAM complete system for thermally
optimized and space-saving cabinet wiring

Control Solutions
Industrial Power Supplies and Electronic Current
Control for Industrial Internet of Things. Infrastructure
for Industrial Networks, Signal Converter, Relays and
modular Electronics Housing

LÜTZE industry team for the food industry and medical technology

In addition to the products, machines and system designs shown, we also offer other solutions for machines and systems not listed.

Our food and medical technology team will be happy to provide you with personalised advice on the right LÜTZE solution for your individual application.



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SkyBLUE
LÜTZE



RoHS

www.luetze.com

LÜTZE
SYSTEMATIC TECHNOLOGY