



SYNKRON
INTERNATIONAL

PRODUCT BROCHURE |

The Sensor People

PRODUCT BROCHURE

Leuze Smart
Sensors

01



About Leuze Sensors

Leuze is an international sensor expert for automation technology. With curiosity and determination, They – the Sensor People – have been forerunners for innovations and technological milestones in industrial automation for more than 50 years.

Through our partner, Leuze, a global leader in sensor technology, we can provide you with various types of sensors for your applications.

a) Switching Sensors

- Optical
- Inductive
- Capacitive
- Ultrasonic
- Fork sensors

b) Measuring Sensors

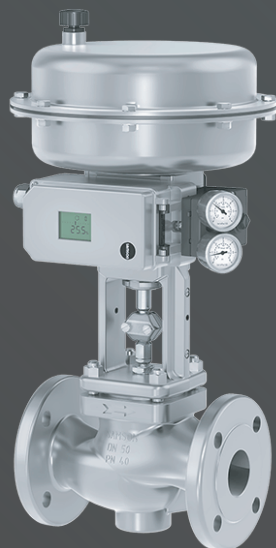
- Optical Distance
- Ultrasonic Distance
- Positioning Sensors
- Barcode Positioning Sensors

c) Safety Sensors

- Optoelectric
- Proximity Sensors
- Switches
- Machine Safety

Control valves - Steam Traps - Pressure regulators

PRODUCT BROCHURE



Steam Fittings
ADCA

02

About Steam Solutions

Steam is a key source of thermal energy for industrial applications. Steam is safe, clean, and has a very high heat transfer coefficient. Through our partner, ADCA Valsteam we can provide various steam fittings that conform to the EU standards.

We have partnered with Valsteam ADCA Engineering for all your steam ancillaries needs.

a) Steam Traps

- Float Traps
- Thermodynamic
- Inverted Bucket

b) Pressure Reducing Valves

- Direct Acting
- Pilot Operated

c) Control Valves

- Electric Actuated
- Pneumatic Actuated

d) Isolation Valves

- Bellow Sealed
- Ball Valves

e) Moisture Separators

- Baffle Centrifugal

f) Condensate Packaged Pumps

- Steam Powered
- Electric Powered

g) Flash Vessel

- Deaerators

The Art Of Oil Since 1936

PRODUCT BROCHURE



Addinol
Food Grease

03

About Addinol Oil

High-performance lubricants from ADDINOL carry the "Made in Germany" seal of quality. Whether lubricants for industry or the automotive sector – at the company's site in Leuna, they have developed and produced at their in-house laboratory. We offer a variety of food grease that will ensure that your food is not contaminated.

NSF H1	For lube points where incidental food contact may potentially occur
NSF 3H	Release agents for applications with direct and continuous contact between lubricant and food
NSF H2	General lubricants in the food industry where contact with food is excluded, in contrast to conventional industrial lubricants they must be free of toxic ingredients.



Exceed Your Vision

PRODUCT BROCHURE

EPSON

Epson Augmented
Reality

04



About Epson Augmented Reality

Africa is a huge consumer of technology and very limited in the production of technology. Most of the machinery we use is imported from Europe and other continents. Augmented Reality ensures that we can get remote support from anywhere in the world and solve our problems. With travel restrictions that came with COVID, so many companies suffered as they were unable to solve some technical issues arising from the machinery. With AR technology, you can easily link with our experienced engineers and even OEMs and have your issues resolved remotely

The applications of AR in maintenance have a great deal of potential. They provide users with the ability to receive information about specific assets instantly. Some of the proven advantages of using AR for maintenance include:

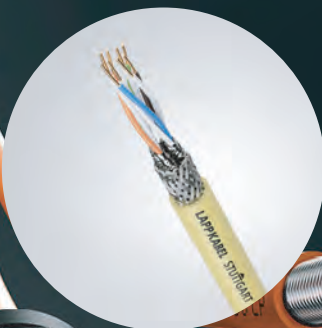
- Reduced human errors
- Reduced execution time
- Reduced breakdowns
- Reduced downtime
- Reduced cost
- Increased productivity
- Increased operation speed
- Increased fix rates
- Increased compliance
- Increased profit margins.



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Quality, precision, and reliability.

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Lapp Cables

05



About Lapp Cables

LAPP is a leader in the cabling industry with a demonstrated experience of years. With this partnership, we can sort a variety of your cabling needs. For power, signal, and fiber optic applications. Our products ensure that there is no leakage in your electrical system thus ensuring safety and guaranteed performance

a) Power and Control Cables

These cables designed for harsh conditions, servo applications, power cahn applications, robotics, conveyor technology and building technology.

b) Data Communication Systems.

These are special cables designed for low frequency data transmission, telephone cables, Coaxial cables, bus systems and sensing/actuating applications.

c) Data Communications Systems for Ethernet Technology

Lapp provides solutions revolving around Industrial Ethernet Cat 5/ Cat 6/ Cat 7, PROFINET and structured building cablings.

d) Optical Transmission Systems

In this category, Lapp has a solution in the following ranges; polymer optical Fibre, plastic cladde fibre, glass optical Fibre and general Fibre optic accessories.

e) Cable Glands

We have different categories of glands for various needs, these range from plastic, nickel plated and stainless steel

The Spirit Of Safety

PRODUCT BROCHURE



PILZ

06



About PILZ

Our components, systems, and services will support you in the automation of your plants and machinery worldwide. Driven by our vision of "The Spirit of Safety", we will use all our passion and knowledge to offer you the best possible automation solutions. We are automation specialists committed to safety! Products

1. Safety Relays

These are critical in applications such as emergency stops, safety gates, light barriers. These are critical in stopping machines whenever someone enters an area that is regarded as unsafe. Safety relays are lifesaving relays!

2. Monitoring relay

These relays help in monitoring a wide range of parameters such as current, insulation, voltage, and temperature. These in turn save the machine or the operators from dangers associated with these parameters

3. Safety Controllers

These controllers come in handy in monitoring E-stops, safety gates, and light curtains. This further maximizes the safety within your machinery and ensures you operate with minimal downtimes that are safety-related.

People For Automation

PRODUCT BROCHURE



Endress + Hauser

07



About Endress+Hauser

Our partner, Endress+Hauser, is a global leader in measurement instrumentation, services, and solutions for industrial process engineering. With this, we can provide process solutions for flow, level, pressure, analytics, temperature, recording, and digital communications - optimizing processes in terms of economic efficiency, safety & environmental impact.

We have parts and solutions to cover a wide range of customers including:

- Food and Beverage
- Chemical Processing
- Oil & Gas
- Water & waste management
- Mining
- Power and Energy

Pressure Measurement

We have a wide range of pressure transmitters to help you monitor and control your process. With an existing digital display, you don't need to walk to the panel to check your process parameters.

Temperature Measurement

Temperature monitoring and control are very critical in production. To achieve consistency in the quality of products, accurate field instruments are key. We offer a wide range of temperature probes and transmitters to help you achieve this.

Flow Measurement

In a production setup, there is always a need to monitor both the products and the utility. With E+H, we can provide you with solutions that will ensure accurate measurement of all these. We have a wide range of meters that are very accurate and will help you understand and compare your inputs and outputs.

Level Measurement

Level measurement is key in production planning and analysis. With level sensors, you can know the exact volume of your product in your tanks. This is key in planning production hours and utility. We are here to offer you this solution.

*ABC Place, Waiyaki Way
Nairobi, Kenya
sales@synkron-international.com
www.synkron-international.com
Tel: +254 706 225 533*