FOOD & BEVERAGE AT A GLANCE

Power and control cables

LAPP KABEL STUततGART ÖLFLEX® ROBUST 200 €

ÖLFLEX® ROBUST 200 – power cable with good resistance to a multitude of chem. media, oils, fats such as hot water

LAPP KABEL STUत्तGART ÖLFLEX® ROBUST 210 €

ÖLFLEX® ROBUST 210 – control cable with good resistance to a multitude of chem. media, oils, fats such as hot water

LAPP KABEL STUततGART ÖLFLEX® ROBUST 215 C €

■ ÖLFLEX® ROBUST 215 C – screened control cable with good resistance to a multitude of chem. media, oils, fats such as hot water

LAPP KABEL STUTIGART ÖLFLEX® FD ROBUST (6

ÖLFLEX® ROBUST FD – highly flexible power chain cable, resistant to a multitude of chem. media, oils, fats such as hot water

LAPP KABEL STUTTGART ÖLFLEX® FD ROBUST C

ÖLFLEX® ROBUST FD C – highly flexible, screened power chain cable, resistant to a multitude of chem. media, fats such as hot water

LAPP KABEL STUTIGART ÖLFLEX® CLASSIC 110 VDE Reg. Nr. 7030 (€

ÖLFLEX® CLASSIC 110 – PVC control cable, VDE-registered, oil-resistant and flexible for a wide range of applications

LAPP KABEL STUTTGART ÖLFLEX® CLASSIC 115 CY 7 G 1,5 (6

3 ÖLFLEX® CLASSIC 115 CY - PVC control cable, screened and flexible for a wide range of applications

OLFLEX® 150 - harmonised control cable with UL/CSA AWM, oil resistant and flexible for a wide range of applications

LAPP KABEL STUTTGART ÖLFLEX® 150 HO5VV5-F ROHS (€

4 ÖLFLEX® 150 CY – harmonised screened control cable with

UL/CSA AWM, oil resistant, for a wide range of applications

LAPP KABEL STU∏GART ÖLFLEX® CONTROL TM (UL) TC-ER or MTW 90°C 600V OIL RES II WTTC 1000V 90°C CSA AWM FT4 (€ ■ ÖLFLEX® CONTROL TM – ÖLFLEX® control cable PVC, 0.6/1 kV, UL TC-ER/WTTC/AWM 20886/WET/OIL RES, CSA AWM

LAPP KABEL STUTIGART ÖLFLEX" CONTROL TM CY (UL) TC-ER or MTW 90°C 600V OIL RES II WTTC 1000V 90°C CSA AWM FT4 (

■ ÖLFLEX® CONTROL TM CY – ÖLFLEX® control cable PVC 0.6/1kV, UL TC-ER/WTTC/AWM/OIL RES, CSA AWM, screened

LAPP KABEL STUTGART ÖLFLEX® CLASSIC 400 P €

5 ÖLFLEX® CLASSIC 400 P - versatile control cable with oil-, notch- and abrasion resistant polyurethane outer sheath

LAPP KABEL STUTTGART ÖLFLEX® CLASSIC 400 CP (6

5 ÖLFLEX® CLASSIC 400 CP - versatile, screened control cable with oil-, notch- and abrasion resistant polyurethane outer sheath

LAPP KABEL STUTTGART UNITRONIC® BUS PB ROBUST UNITRONIC® BUS PB ROBUST – PROFIBUS DP cable with good resistance to a multitude of chem. media, oils, fats and hot water

LAPP KABEL STUTTGART ETHERLINE® ROBUST PN FR Cat.5

ETHERLINE® ROBUST PN FR – flame retardant Cat.5 and Cat.7 PROFINET® cable with good resistance to a multitude of chem. media

LAPP KABEL STUTTGART ETHERLINE® ROBUST PN Cat.5 **ETHERLINE® ROBUST PN** – flame retardant Cat.5 and Cat.7

PROFINET® cable with good resistance to chem. media LAPP KABEL STUTGART ETHERLINE® PN Cat.5e Y 2x2xAWG22/1

ETHERLINE® PN Cat.5 Y FLEX FC – flexible Cat.5 cable with PVC outer sheath and (UL) CMG approval, also for

LAPP KABEL STUTTGART ETHERLINE® PN Cat.6, Y Flex **ETHERLINE® PN Cat.6** Y FLEX – flexible Cat.6 cable with PVC outer sheath and (UL) CMG approval, also for

PROFINET® applications

PROFINET® applications

S/A cable: Hygenic Design for Food & Beverage - 4-pos. M12 connector on free conductor end, Hygienic Design, with stainless steel knurl

Cable glands and connectors



10 EPIC® ULTRA corrosion resistant EMC connector housing with stainless steel lever and bolts



12 SKINTOP® HYGIENIC

- variously certified hygienic design stainless steel cable gland for use in product zone

SKINTOP® INOX / SKINTOP® INOX-R - stainless steel cable gland with compact design for use in splash zone



13 SKINDICHT® CN-M - special sealing cable gland for high temperatures up to +200 °C

SKINTOP® INOX SC - stainless steel cable gland with optimal, highly conductive and flexible EMC screen contact



14 SKINTOP® COLD cable gland for extreme sub-zero temperatures up to -70 °C e.g. for cold storage

15 SILVYN® FG NM

easy cleaning due to

the surface structure of

the blue coloured FDA

approved conduit

18 TY-RAP® cable ties

detectable blue coloured

cable ties minimise the risk

of product contamination

16 SILVYN® ELT - flexible conduit with a wide temperature

Cable conduit and marking systems



range from -20 °C

up to +90 °C

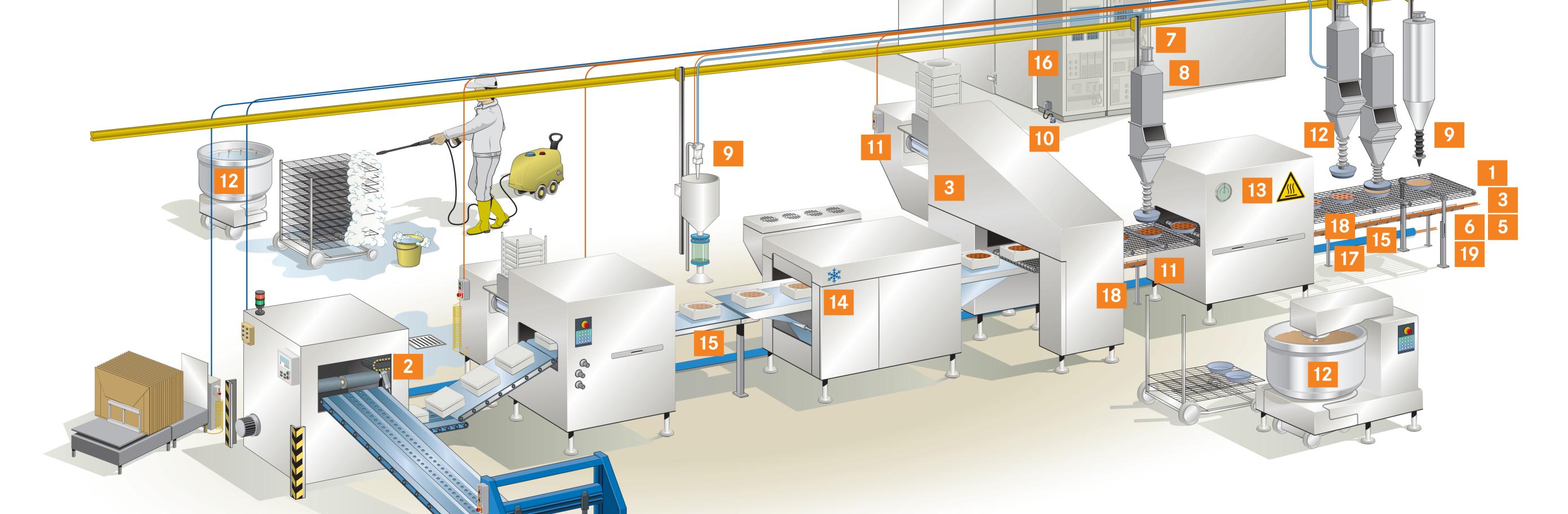
19 FLEXIMARK® Cablelabel PUR - highly-flexible polyurethane labels ensure a good chem. resistance



III SILVYN® HYGIENIC - conduit cable gland with hygienic design for use in product zone

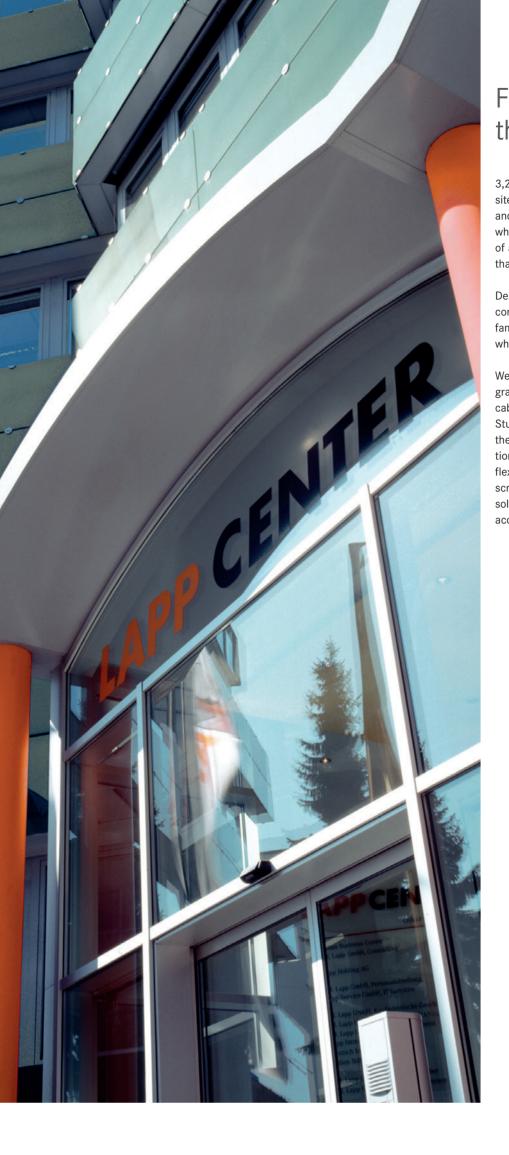


12 FLEXIMARK® Stainless steel FCC - robust stainless steel marking system for cables and components, embossed according to your needs





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Firmly established: the Lapp Group

3,200 employees worldwide, 18 production sites around the globe, 41 sales companies and around 100 local branches abroad when it comes to the size and importance of a company, numbers often speak louder

Despite all this international growth, the consortium founded in 1959 is to this day family-owned - and based in Stuttgart, where it was founded.

Ve are one of the leading providers of integrated solutions and branded products for cable and connection technology. Based in Stuttgart, our product portfolio contains the right solution for virtually every application: whether it be simply cables or highly flexible cables; industrial connectors or screw technology; a customised system solution, automation technology or technical





ÖLFLEX®

Food & Beverage at a glance

UNITRONIC®

SKINTOP®

HITRONIC®

THE WORLD OF LAPP

Trust is good. Testing is better.

Welcome to the Lapp lab

technical development at U.I. Lapp GmbH. others are prepared for approvals. Series for ageing resistance International test orders from the entire products are also checked on the test • IP Protection Rating tests Lapp Group are carried out here in Stuttgart, bench to ensure a consistently high level of • Static and dynamic pulling whether it be inspections on cables, cable quality, and customised resistance tests protection testing glands or connectors.

Example: in order to ensure reliable use in drag chains or robots, our highly flexible cables are tested here for their suitability for continuous flexing uses.

In the Lapp laboratory, newly developed What we are best at testing: Our laboratory is a fundamental part of the products are put through their paces, while • Heat, cold and climate tests

are carried out.

 Resistance tests Application-related inspections

 Carrying out electrical tests Materials analyses Climatic tests



This is why we work tirelessly on optimising our processes. We do advantage for you. As a manufacturer with 18 of our own production everything to make sure we always find the best solution for you facilities, you will benefit from our expertise in the development, accessories. Thanks to this expertise, we can guarantee that Lapp will

continent. We do not simply distribute cable technology, we also world. This is also embodied by our strong brands.

Innovation after another



ÖLFLEX® Power and control cables

UNITRONIC®

ÖLFLEX® has become synonymous with power and control cables. Our flexible and oil-resistant cables satisfy the highest demands and can withstand even the very ing, for measuring, control and drives. EPIC® is a flexible system of

Brand quality from Stuttgart

toughest conditions.



SKINTOP®

Industrial connectors

housings, inserts and contacts: all extremely robust, absolutely

Data communication systems

Our high-quality UNITRONIC® data network cables and field bus components provide a forward-look
SKINTOP®

Cable glands

Skintop®

Skintop®

Skintop®

Skintop®

Skintop®

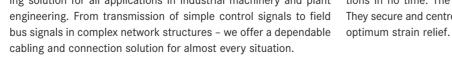
Skintop®

Cable glands

Simply feed in the cable and twist. That's it. Our Skintop® cable glands provide secure connecing solution for all applications in industrial machinery and plant tions in no time. The universal systems are simple but effective. engineering. From transmission of simple control signals to field They secure and centre the cable, hermetically seal it and guarantee

EPIC® industrial connectors can be found every-

where in industrial machinery and plant engineer-



Protective cable conduit systems and cable carrier systems

The universal range of SILVYN® protection and



FLEXIMARK®

Optical transmission systems
HITRONIC® fibre optic cables make transmitting large data volumes easy: fault free, bug proof and

FLEXIMARK®

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ETHERLINE®

To contact your local Lapp Group representative please visit www.lappgroup.com/worldwide

You make demands – we provide the answer

Your demands are as high as ever - our Recipe for success developments fulfil even the highest quality in-house production

products – varied as they may be – always why we manufacture our products at Lapp customers always get the best quality. include two inherent components: expertise Group locations. We focus on our own

Europe or Asia.

global manufacturing expertise at 18 pro- Customised tests for all duction facilities - whether in America, our customers - including you

products are therefore subject to unique your individual demands.

quality standards, which go far beyond the standard requirements that are generally requirements. That is because our branded Our developments also belong to us. That's applicable. This is how we ensure our

Special applications require special test runs. We happily put your products to the For us, good is not good enough test according to parameters you set. This We ourselves are our sharpest critics. Our ensures that you get the right answer for

ETHERLINE® Data communication systems for ETHERNET technology

cabling and connection solution for almost every situation.

Our ETHERLINE® branded products open up a secure, fast and reliable path to the future of Ethernet applications. The guidance systems protect cables effectively against dust, moissystems are made up of durable and robust cables and connection ture, mechanical, thermal and chemical influences. The versatile components for passive network technology, and deliver an effec- SILVYN® CHAIN range of energy supply chains also protects and tive solution for almost any application, particularly in an industrial guides cables in dynamic applications. environment.



HITRONIC®

at almost light speed. Even electromagnetic radiation does not that a clear overview inside a control cabinet is no longer just a interfere with the transmission. The HITRONIC® range includes the pipe dream. From simple labels for manual marking through ideal solution for indoor or outdoor use, for demanding conditions, to electronic markings, the FLEXIMARK® range is guaranteed to and even for use in power chains.

be permanent.

Reliably connecting the world We want to help you become even more productive and successful. manufacture our products ourselves - which represents another

sales companies, partners and, above all, our competent teams of advisers ensure we offer you a comprehensive service on every You can always rely on quality from Lapp - wherever you are in the

and also provide you with quick, efficient and effective support. design and manufacture of cables, system products and cable No matter where you are - we are always by your side. Our plants, provide you with the quality that you require and that you demand.

