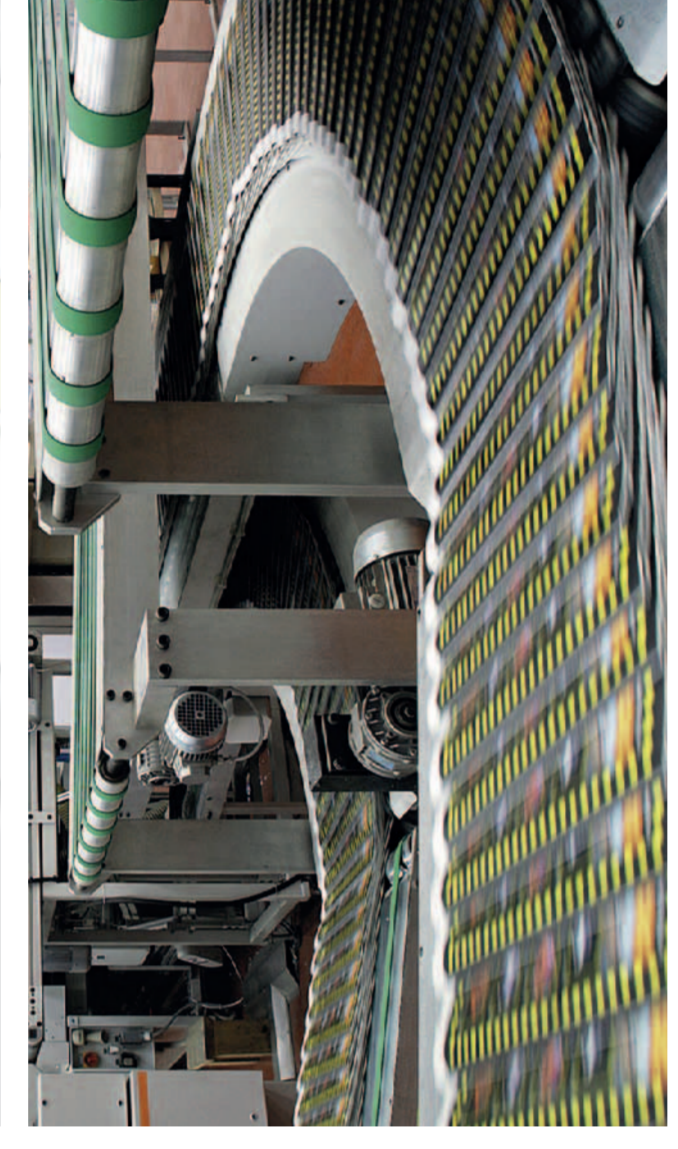
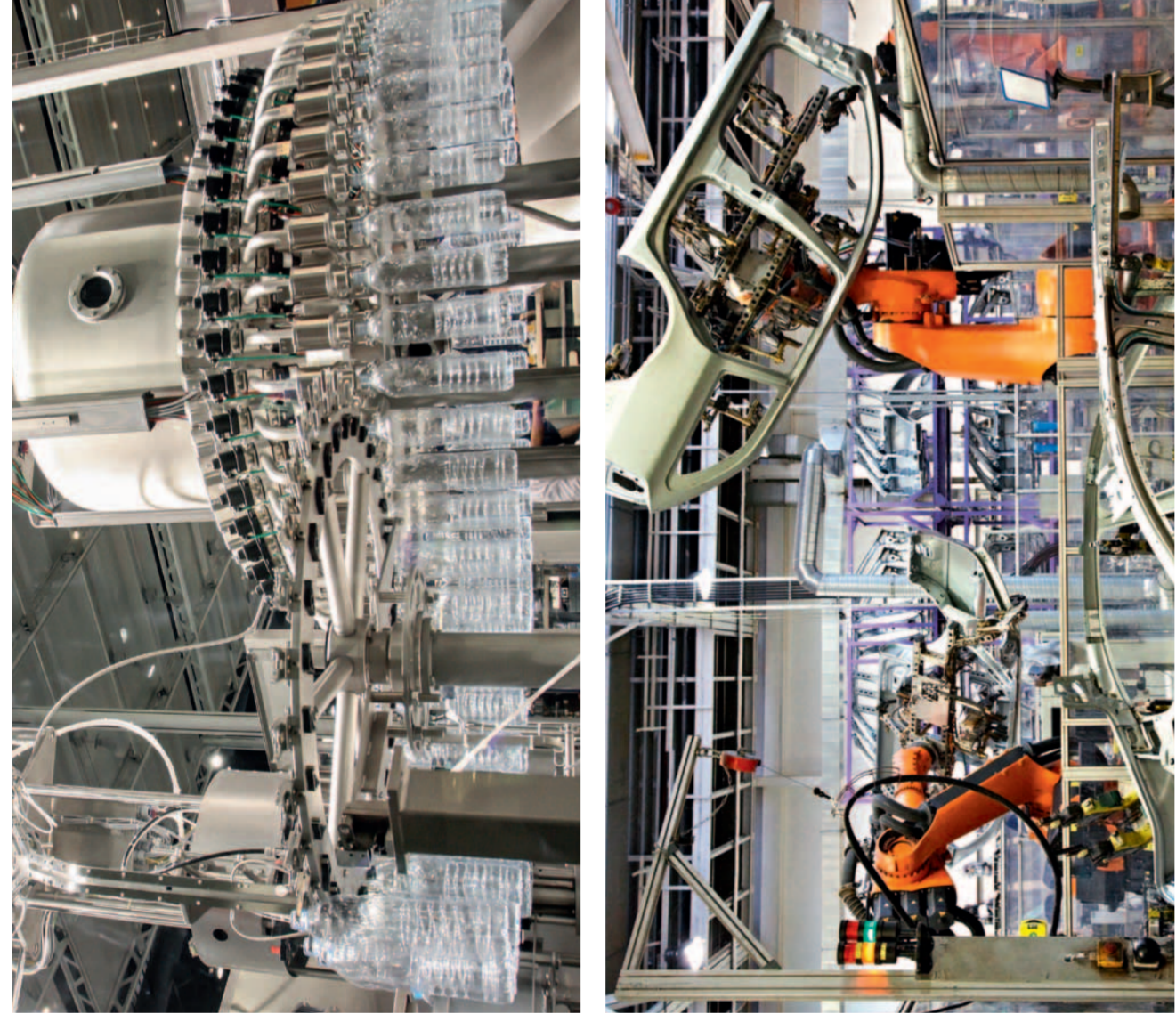


3,150 employees worldwide, 17 production sites around the globe, 41 sales companies and around 100 local branches abroad - when it comes to the size and importance of a company, numbers often speak louder than words.

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

We are one of the leading providers of integrated solutions and branded products for cable and connection technology based in Germany. We are also one of the leading providers of the right solution for virtually every application: whether it be simply cable or highly flexible cable, industrial connectors or screw technology, customised system solutions, automation technology or technical accessories.



THE WORLD OF LAPP

Mechanical engineering at a glance

Brand quality from Stuttgart

What we're best at testing:

- Heat, cold and climate tests
- IP Protection Rating tests
- Static and dynamic pulling
- Resistance testing
- Application-related inspections
- Carrying out electrical tests
- Material analyses
- Climatic tests

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.

ÖLFLEX® Power- and control cables
The world's first brand cable is available in the most varied of versions to match maximum requirements.

Key features: Oil-resistant, flexible and available to match almost any requirement in almost any environmental condition - also free of halogens.

Fields of application: Multipurpose. Special variants are more and more in demand in the area of renewable energies.



EPIC® Industrial connectors
The brand for strong and reliable connections.

Key features: Robust square and circular connectors. Flexible system consisting of housings, inserts, contacts and accessories for energy requirements from 100 W to 100 kW.

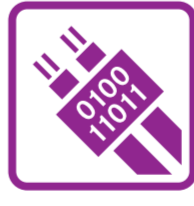
Fields of application: Mechanical and systems engineering, drive technology, Automation.



SKINTOP® Cable glands
The brand for multipurpose cable entries in line with the following: quickly fastened, centred and hermetically sealed.

Key features: Large, clamping areas, optimum strain relief, the most diverse of optimum strain relief, the most diverse of optimum strain relief, the most diverse of optimum strain relief.

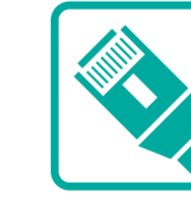
Fields of application: Everywhere, where cables must be fastened reliably and quickly.



ETHERLINE® Data communication systems
The ideal brand for fast, trend-setting and reliable data transfer.

Key features: UNITRONIC® are not only data lines, but also bus lines, which together with active sensor/actuator modules or national standards provide a perfect system for automation.

Fields of application: Measurement, control, regulation, bus or LAN networks.



SILVYN® Protective cable conduit
The brand for permanent, clearly-arranged cable management.

Key features: The product range includes SILVYN® cable protection hoses for perfect protection against mechanical and chemical loads, along with SILVYN® CHAIN application chains for highly-dynamic applications.

Fields of application: Everywhere, that cables have to be additionally protected or routed.



HITRONIC® Optical transmission systems
The brand for fibre optic data transfer.

Key features: The HITRONIC® product range includes fibre optic cables in the most varied of versions, along with suitable accessories such as splice boxes, wall distributors or couplings.

Fields of application: Office and industrial sector, Renewable Energy.



Trust is good. Testing is better.

Welcome to the Lapp lab

In the Lapp laboratory, newly developed products are put through their paces, while products are also checked on the test bench to ensure a consistently high level of quality, and customised resistance tests are carried out.

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.

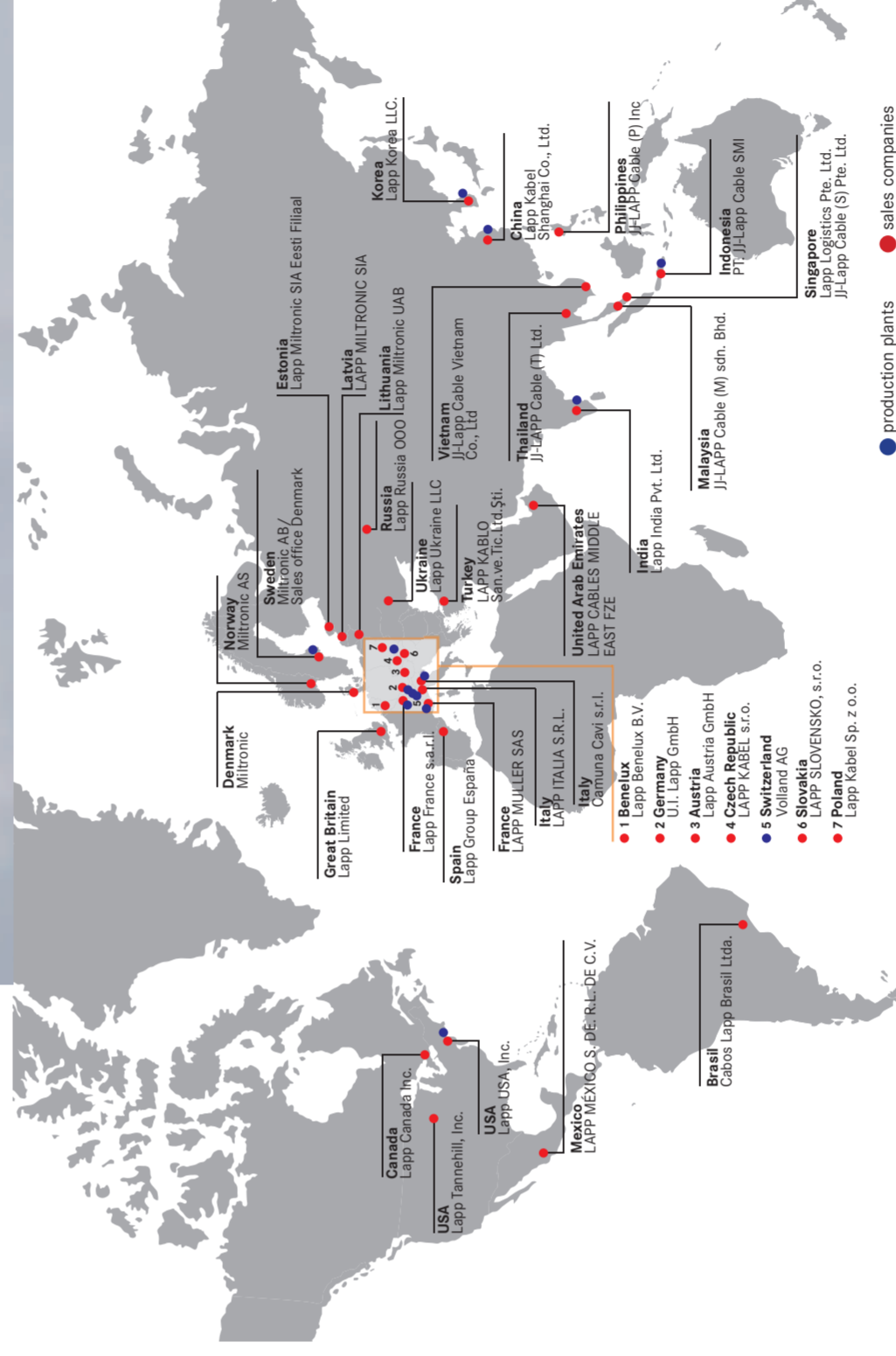
You make demands - we provide the answer

Your demands are as high as ever - our developments fulfil even the highest quality requirements. Because our branded products - varied as they may be - always include two inherent components: expertise and innovation.

Recipe for success - in-house production
Our developments also belong to us. That's why we manufacture our products at Lapp Group locations. We focus on our 17 production facilities - whether in America, Europe or Asia.

For us, good is not good enough
We ourselves are our sharpest critics. Our products are therefore subjected to unique quality standards, which go far beyond the industry standard. This is how we ensure our customers always get the best quality.

Customised tests for all our customers - including you
Special applications require special tests. We are delighted to put your products through our tests. This ensures that you get the right answer for your individual demands.



At home in Stuttgart, but known all over the world

The World of Lapp is based in Stuttgart. This is where it all started for our company, which was founded in 1959 as U.I. Lapp KG (now U.I. Lapp GmbH). From its headquarters in Stuttgart we have reexamined and become a global presence to quickly respond to customer requirements. Innovation leadership put into active practice.

On the other hand, proximity to our customers really means something to us: our presence extends all round the globe. As a result, we have established 41 sales companies in Europe, Asia and America, along with SILVYN® CHAIN application chains for highly-dynamic applications.

The larger Lapp companies such as U.I. Lapp KG, EPIC®, SKINTOP®, HITRONIC® and SILVYN® are also strongly committed to enhancing the knowledge of our employees and customers. After all, knowledge is the link with which the future is written down.

MECHANICAL ENGINEERING AT A GLANCE

ÖLFLEX® Power- and control cables

ÖLFLEX® for versatile applications

LAPP KABEL STUFGART ÖLFLEX® CLASSIC 100 502,5 NCC
ÖLFLEX® CLASSIC 100
 The classic ÖLFLEX® cable with colour code

LAPP KABEL STUFGART ÖLFLEX® SMART 108 VDE-Reg. Nr. 8030 CE
ÖLFLEX® SMART 108
 The smart alternative, VDE-registered

LAPP KABEL STUFGART ÖLFLEX® CLASSIC 110 VDE-Reg. Nr. 7030 CE
ÖLFLEX® CLASSIC 110
 VDE-registered & wide range of products

LAPP KABEL STUFGART ÖLFLEX® CLASSIC 110 CY VDE-Reg. Nr. 7030 CE
ÖLFLEX® CLASSIC 110 CY
 With EMC-compliant copper screening

LAPP KABEL STUFGART ÖLFLEX® CLASSIC 110 black 0,6/1 kV CE
ÖLFLEX® CLASSIC 110 BLACK 0,6/1 kV
 UV/ozone-resistant/suitable for direct burial/flexible

LAPP KABEL STUFGART ÖLFLEX® 150 CY QUATTRO HD05VCA5-K R0HS CE
ÖLFLEX® 150 CY QUATTRO
 Multi-standard cable, increased oil resistance

LAPP KABEL STUFGART ÖLFLEX® 191
ÖLFLEX® 191
 AWM cable with increased oil resistance

LAPP KABEL STUFGART ÖLFLEX® CONTROL TM CY (UL) TC-ER & WTTC, OIL RES II, UL WET 75°C
ÖLFLEX® CONTROL TM CY (UL) TC-ER & WTTC, OIL RES II, UL WET 75°C

LAPP KABEL STUFGART ÖLFLEX® CLASSIC 110 H REC 328,3 CE (HALOGEN-FREE - OIL RESISTANT)
ÖLFLEX® CLASSIC 110 H
 Halogen-free, flame-retardant & very flexible

LAPP KABEL STUFGART ÖLFLEX® CLASSIC 130H 0,6/1kV HFFR REC 80332-3 R0HS CE
ÖLFLEX® CLASSIC 130 H BK 0,6/1kV
 LS0H + HFFR 332-3-24, UV/ozone-resistant, flexible

LAPP KABEL STUFGART ÖLFLEX® SPIRAL 540 P
ÖLFLEX® SPIRAL 540 P
 Oil-resistant, halogen-free & high restoring force

ÖLFLEX® for use in harsh conditions

LAPP KABEL STUFGART ÖLFLEX® ROBUST 200 CE
ÖLFLEX® ROBUST 200
 Particularly weather and bio-oil-resistant

LAPP KABEL STUFGART ÖLFLEX® ROBUST 215 CE
ÖLFLEX® ROBUST 215 C
 With EMC-compliant copper screening

LAPP KABEL STUFGART ÖLFLEX® CLASSIC 400 P CE
ÖLFLEX® CLASSIC 400 P
 An oil-resistant classic with PUR sheath

LAPP KABEL STUFGART ÖLFLEX® 440 CP VDE-Reg. Nr. 6582 CE
ÖLFLEX® 440 CP
 Abrasion-resistant and flexible at temperatures as low as -40 °C

LAPP KABEL STUFGART ÖLFLEX® PETRO C HFFR 0,6/1kV CE
ÖLFLEX® PETRO C HFFR
 Suitable for flexible use on drilling rigs

ÖLFLEX® control cabinet single cores

MULTI-STANDARD SC 2.1, listed and approved for Europe and America

H07V-K, flexible, flame-retardant, HAR-certified

H05Z-K, halogen-free & harmonised

X07Z-K 90°C, halogen-free, for increased ambient temperatures

LIYCY, screened for EMC-critical environments

ÖLFLEX® for application in guide chains

LAPP KABEL STUFGART ÖLFLEX® CHAIN 896 P CE
ÖLFLEX® CHAIN 896 P
 High-end cable from the Extended Line

LAPP KABEL STUFGART ÖLFLEX® FD 855 CP CE
ÖLFLEX® FD 855 CP
 Extended Line – for high-stress applications

LAPP KABEL STUFGART ÖLFLEX® FD CLASSIC 810 CE
ÖLFLEX® FD CLASSIC 810
 Core Line – for moderate-stress applications

LAPP KABEL STUFGART ÖLFLEX® CHAIN 809 CY CE
ÖLFLEX® CHAIN 809 CY
 Basic Line – for light-stress applications

LAPP KABEL STUFGART ÖLFLEX® ROBOT 900 P CE
ÖLFLEX® ROBOT 900 P
 Robust, high-tech robot cable

ÖLFLEX® for high ambient temperatures

LAPP KABEL STUFGART ÖLFLEX® HEAT 180 SHF CE
ÖLFLEX® HEAT 180 SHF
 Classic silicone cable for temperatures up to +180 °C

LAPP KABEL STUFGART ÖLFLEX® HEAT 180 EWKF CE
ÖLFLEX® HEAT 180 EWKF
 Proven tear and notch-resistant quality

LAPP KABEL STUFGART ÖLFLEX® HEAT 180 MS AWM STYLE 4476 CSA AWM II A/B 500V 150°C FT-1 CE
ÖLFLEX® HEAT 180 C MS
 Certified application in North America

ÖLFLEX® HEAT 260 MC
 The PTFE all-rounder for temperatures up to +260 °C

ÖLFLEX® HEAT 1565 MC
 Extremely temperature-resistant thanks to mica foil

UNITRONIC® low frequency

LAPP KABEL STUFGART UNITRONIC® 100
UNITRONIC® 100
 Data network cable with UNITRONIC® colour code

LAPP KABEL STUFGART UNITRONIC® LIYCY
UNITRONIC® LIYCY
 Classic data network cable with PVC sheath

LAPP KABEL STUFGART UNITRONIC® LIHCH (TP)
UNITRONIC® LIHCH (TP)
 Halogen-free and more suitable in the event of fire

UNITRONIC® 300 (UL) TYPE CMG or PLTC 100°C CSA CMG or AWM EAB 200V R0HS
UNITRONIC® 300
 Multi-UL-approved data network cable

LAPP KABEL STUFGART UNITRONIC® FD CP (TP) plus
UNITRONIC® FD CP (TP) plus
 Screened and for flexing applications

ÖLFLEX® for SERVO applications

LAPP KABEL STUFGART ÖLFLEX® SERVO FD 796 CP CE
ÖLFLEX® SERVO FD 796 CP
 High-end cable from the Extended Line

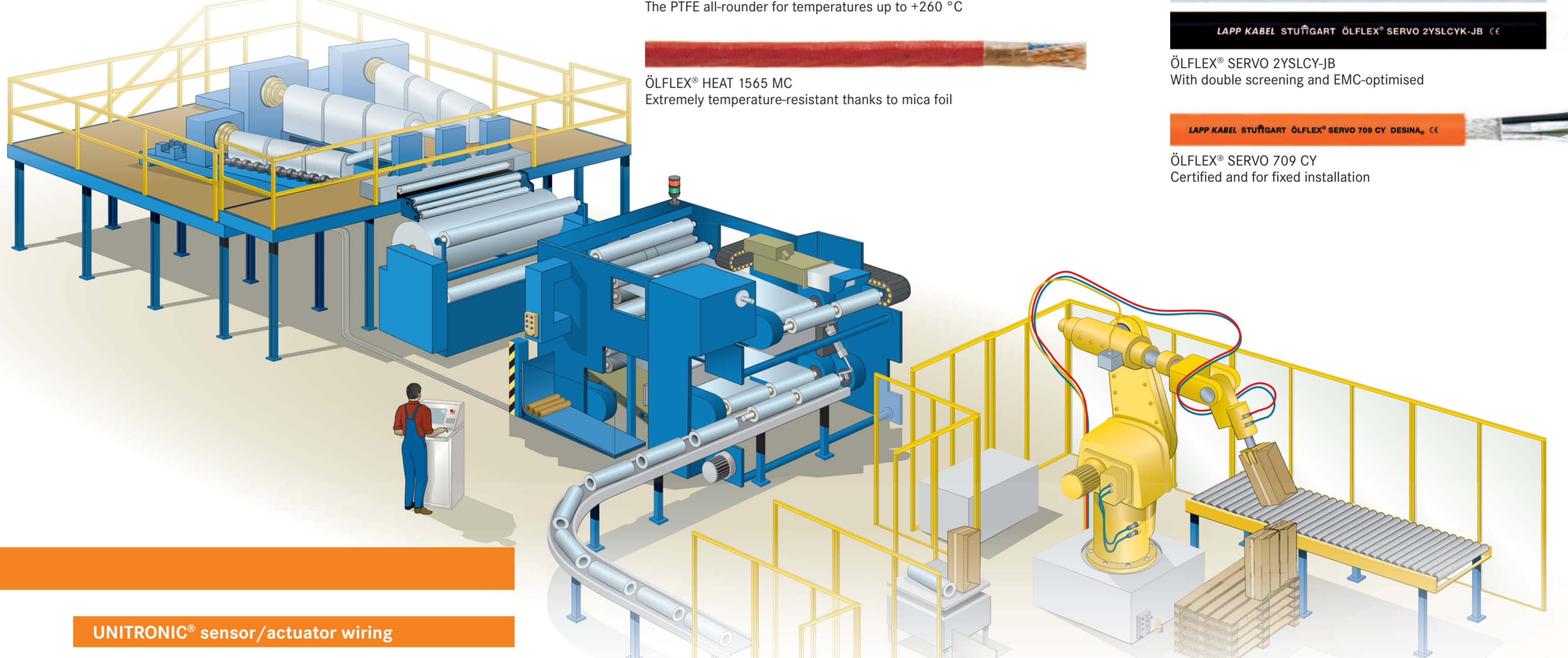
LAPP KABEL STUFGART ÖLFLEX® SERVO FD 796 P CE
ÖLFLEX® SERVO FD 796 P
 Unshielded and for flexing applications

LAPP KABEL STUFGART ÖLFLEX® SERVO FD 798 CP
ÖLFLEX® SERVO FD 798 CP
 The latest generation of encoder cable

LAPP KABEL STUFGART ÖLFLEX® SERVO 2YSLOY-JB CE
ÖLFLEX® SERVO 2YSLOY-JB
 With double screening and EMC-optimised

LAPP KABEL STUFGART ÖLFLEX® SERVO 2YSLCYK-JB CE
ÖLFLEX® SERVO 2YSLCYK-JB
 With double screening and EMC-optimised

LAPP KABEL STUFGART ÖLFLEX® SERVO 709 CY DESINA CE
ÖLFLEX® SERVO 709 CY
 Certified and for fixed installation



Automation and network

UNITRONIC® Data communication systems

LAPP KABEL STUFGART UNITRONIC® BUS PB FD P FC
UNITRONIC® BUS PB FD P FC
 PROFIBUS DP cable for drag chain, Fast Connect

LAPP KABEL STUFGART UNITRONIC® BUS CAN FD P
UNITRONIC® BUS CAN FD P
 CAN bus cable for drag chain

LAPP KABEL STUFGART UNITRONIC® BUS DN THIN FD P
UNITRONIC® BUS DN THIN FD P
 DeviceNet cable for drag chain, UL-approved

LAPP KABEL STUFGART UNITRONIC® BUS ASI
UNITRONIC® BUS ASI
 AS-Interface cable, fixed and flexible installation

AS-Interface bus distributor to M12 socket

M12 bus connector, configurable

EPIC® Data PROFIBUS connector, Fast Connect

M12 PROFIBUS connecting cable, PUR

M12 power cable, PUR, 4 x 0,75 mm²

UNITRONIC® sensor/actuator wiring

M8 S/A cable, PUR, for drag chain, UL-approved

M12 S/A cable, PUR, for drag chain, UL-approved

M12 Y cable, PUR, for drag chain, UL-approved

Valve connector to M12, with integrated interference elimination and LED

M8/M12 connector, easy to configure

M8/M12 flush-type connector with TPE strand, control cabinet assembly

S/A distributor M12 with integrated master cable, UL-approved

AS-Interface E/A slave module, IP67, easy to assemble, UL-approved

ETHERLINE® components for Industrial Ethernet

LAPP KABEL STUFGART ETHERLINE® CAT.5e
ETHERLINE® Cat.5e
 Cables for fixed installation

LAPP KABEL STUFGART ETHERLINE® F Flex CAT.5e
ETHERLINE® Cat.5e Flex
 Cables for flexible use

LAPP KABEL STUFGART ETHERLINE® FD P Cat.5
ETHERLINE® FD P FC Cat.5
 Cables for applications in guide chains

LAPP KABEL STUFGART ETHERLINE® Y CAT.5e SUN RES
ETHERLINE® Y Cat.5e BK 2x2AWG22/7
 PROFINET-compliant cables (type A, B and C)

Top-hat rail adapter with RJ45 Cat.6_A module

Connectors RJ45 Cat.6_A field-configurable

Patch cords for Industrial Ethernet and PROFINET

HITRONIC® Optical transmission systems

HITRONIC® POF SIMPLEX PE - J-V2Y 1P980/1000

HITRONIC® POF DUPLEX PE - J-V2Y 2P980/1000
 Plastic fibre optic cable for fixed installation

LAPP KABEL STUFGART HITRONIC® POF DUPLEX PE-PUR
HITRONIC® POF DUPLEX PE-PUR - J-V2Y(ZN) 11Y 2P980/1000
 Plastic fibre optic cable

LAPP KABEL STUFGART HITRONIC® PCF DUPLEX FRNC-PUR Indoor
HITRONIC® PCF DUPLEX FRNC-PUR Indoor - J-V(ZN)H 11Y 2K200/230
 Plastic sheathed glass fibre optic cable for fixed installation

HITRONIC® HRM-FD - A/J-V(ZN)H(ZN) 11Y flex
 Glass fibre cable for application in guide chains

System products

EPIC® Industrial connectors

EPIC® H-B connector, the classic, highly configurable

EPIC® ULTRA connector, robust and corrosion-resistant

EPIC® modular connector, highly configurable and compatible

EPIC® R3.0

EPIC® LS 1, for power supply, EMC and vibration-proof

EPIC® M23, universal use for signal cables

EPIC® POWERLOCK, colour-coded, robust, for high currents

SKINTOP® Cable glands

SKINTOP® ST[®]-M, wide clamping range, high diversity of standards

SKINTOP® CLICK, with locking system, snap in, tighten – done

SKINTOP® MS[®]-M BRUSH, innovative 360° screen contact, double cable clamp

SKINTOP® BRUSH ADD-ON, patented, active EMC counter nut

SKINTOP® K[®]-M ATEX plus, for areas with an explosion hazard

SKINTOP® CUBE, wide clamping range, high protection rating, easy to assemble

SILVYN® Protective cable conduit- and cable carrier systems

SILVYN® RILL PA6, high-quality, flame-retardant polyamide conduit

SILVYN® FPS, flexible PVC conduit for bundling and protection

SILVYN® HIPROJACKET, heat protection conduit

SILVYN® EMC AS-CU, for EMC/earthing

SILVYN® BRAID PA6, high-quality braided conduit for bundling

FLEXIMARK® Marking systems

FLEXIMARK® perforated shrink hose, also suitable for single core marking

FLEXIMARK® wraparound labels LCK, easy to print thanks to the FLEXIMARK® software

FLEXIMARK® stainless steel marking, customised lettering for harsh environments

Cable trolley system for round and flat cables, easy, gentle cable clamping, flexible

Twist Tail™ cable tie, quick bundling without the need for extra tools