EPIC® Connectors

M5, M8, M12 and RJ45 for transmission of signal, data and power

LAPP

EPIC® Connectors

Powering automation with reliability and flexibility

Digitalization in connected production requires connectors that are both high-performing and reliable. They ensure safe, error-free operations by enabling the consistent transmission of signal, data, and power. The reliability of these connections directly impacts the quality of automation, making connectors indispensable in modern production environments.

The LAPP EPIC® portfolio of industrial connectors combines maximum variety with premium quality, offering solutions for diverse applications.

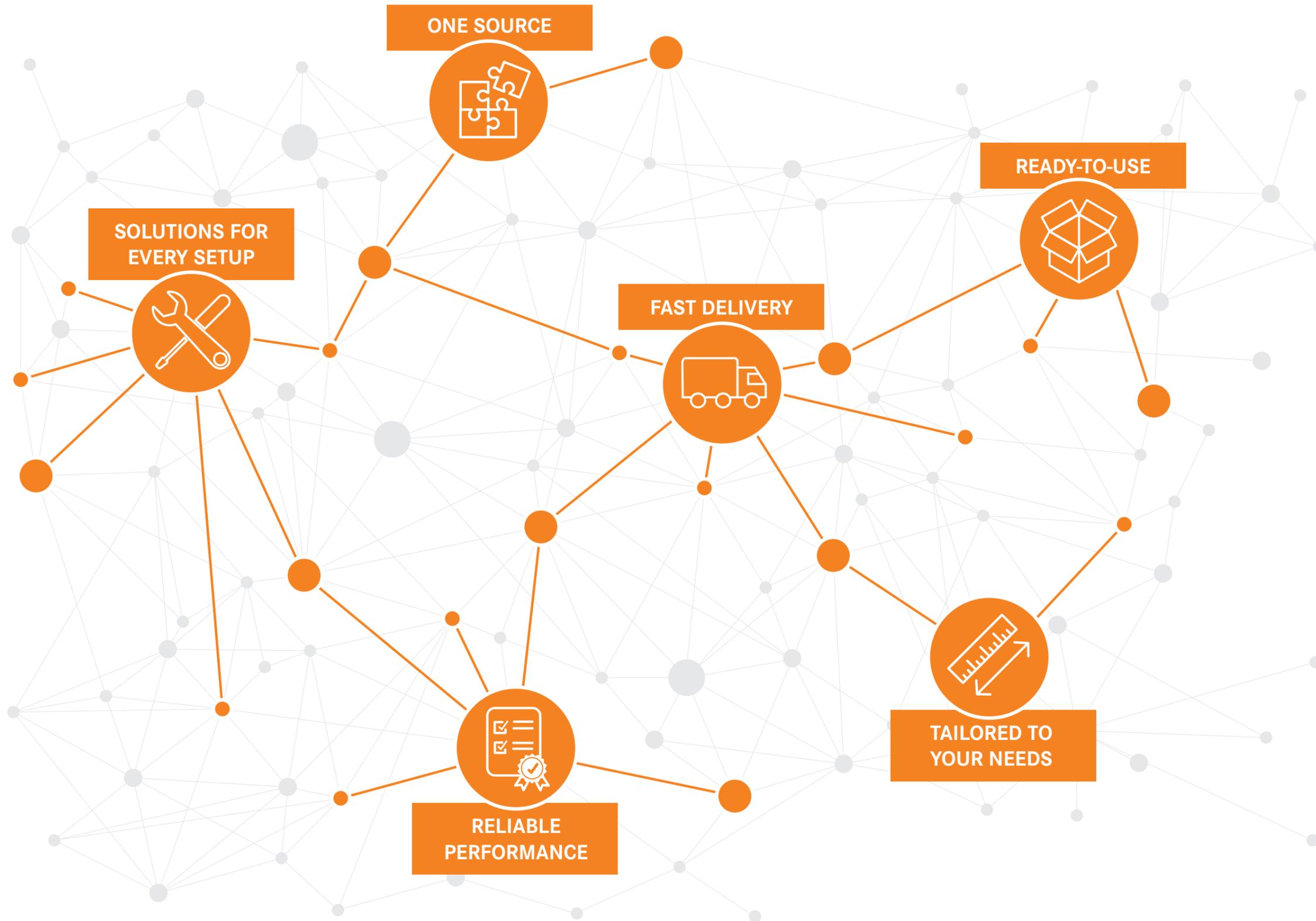**From standard products to tailored connectivity solutions,** we're ready to support you.

Signal	Data	Power
For connecting sensors, actuators and I/O boxes.	For reliable transmission of fieldbus data.	For power supply to fieldbus modules, motors, valve terminals and other components.
EPIC® M5	EPIC® M8	EPIC® M12
EPIC® M8	EPIC® M12	
EPIC® M12	EPIC® RJ45	

Start your request today via our t**echnical product enquiry** or speak directly with your **sales representative.**

Discover more EPIC® connectors such as EPIC® M23, rectangular connectors, and solar connectors online:
www.lapp.com/en/de/082001

Connected to Your Advantage

ONE SOURCE

SOLUTIONS FOR EVERY SETUP

READY-TO-USE

FAST DELIVERY

TAILORED TO YOUR NEEDS

RELIABLE PERFORMANCE

Everything from one source
Cables, connectors, harnesses and accessories for complete connectivity solutions, simplifying your procurement and integration.

Solutions for every setup
Choose from overmoulded connectors with cables, field assembly connectors, and panel mount connectors for maximum flexibility in your applications.

Reliable performance for every application
The right cable quality to ensure durability, safety, and consistent performance in any environment.

Thousands of ready-to-use options
A broad standard portfolio for signal, data and power connections, giving you quick access to the exact product you need.

Tailored to your needs
Custom lengths and configurations for a perfect fit, ensuring your solution meets every requirement.

Fast delivery
Get your products quickly to keep your projects on schedule and avoid costly downtime.

Save time with Push-Pull locking
EPIC® ClickConnect M12

This highly flexible patch cable for moving machine parts and cable chains offers quick connection with future-proof M12 push-pull connections in accordance with DIN EN IEC 61076-2-010: simply plug together instead of screwing – a real time saver for many connections! The connectors are vibration-proof and robust.
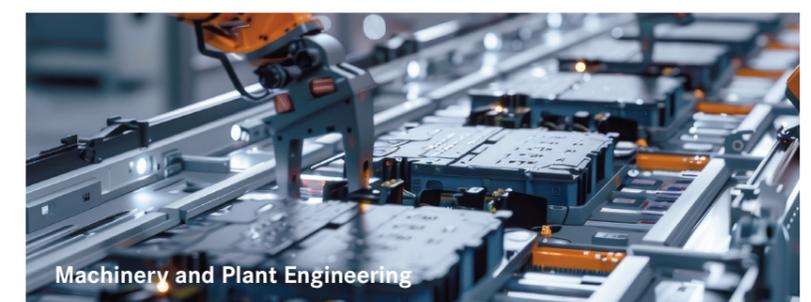
Global Leader in Connectivity Solutions

LAPP is the world market leader in connectivity solutions for professional and industrial applications. We offer everything from **cables, connectors, and accessories to fully integrated connectivity solutions**, all from a single trusted source.

Operating in more than **80 countries** and offering over **50,000 products worldwide**, our global family business is close to your needs and challenges, ensuring fast and reliable support wherever you are.

Our products are used in production machines, industrial robots, food processing plants and much more, demonstrating broad cross-industry expertise.

With innovation, quality, and customer focus, LAPP ensures your success in a connected world. Wherever your business takes you, **we keep your industry alive**.

Intralogistics

Food & Beverage

Industrial Communication
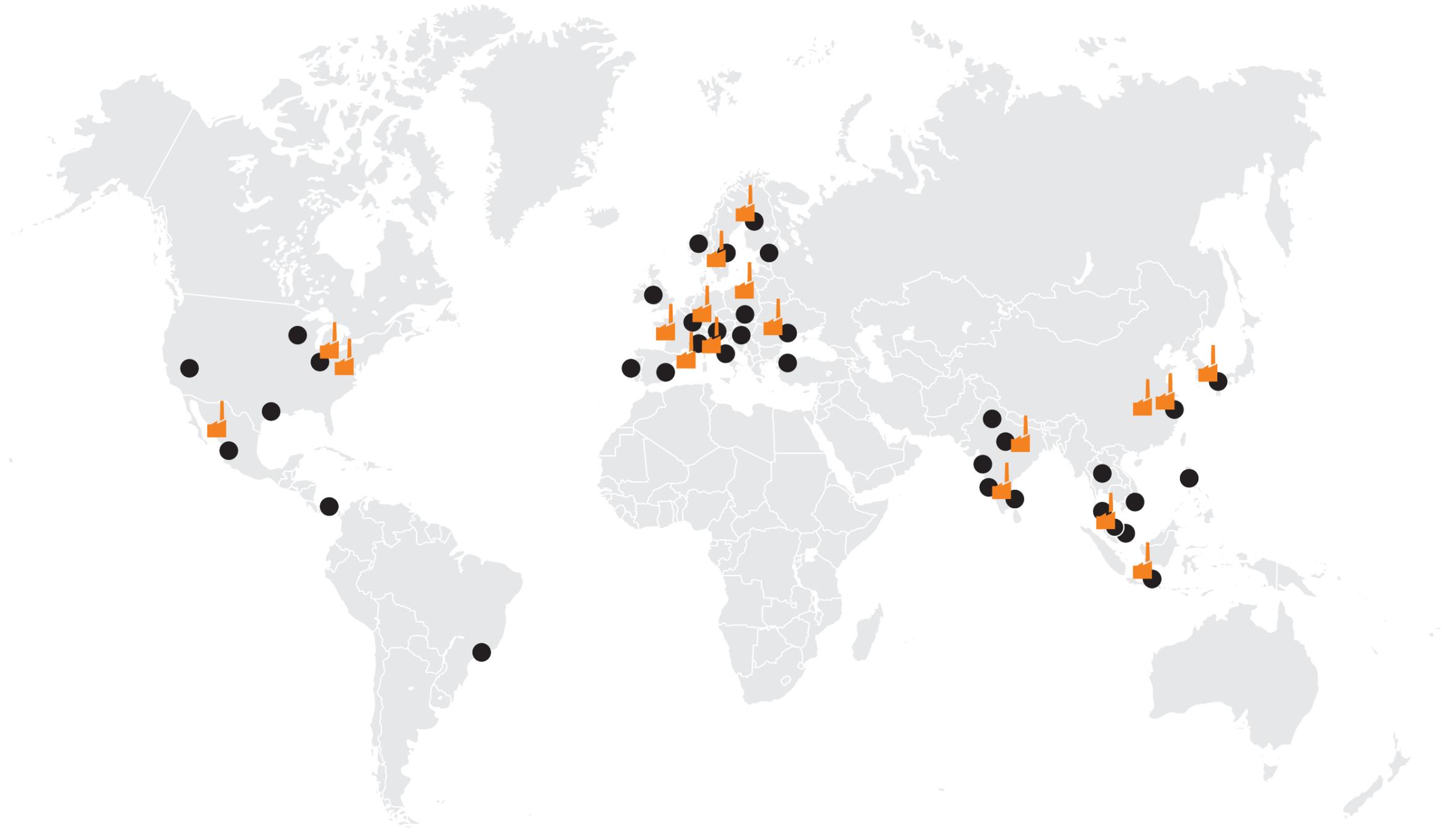
Robotics

Machinery and Plant Engineering

Manufacturing excellence across the globe

LAPP relies on a **global production and logistics network with 35 plants and 45 warehouses worldwide**, ensuring availability and fast delivery wherever you are.

Using **state-of-the-art machinery and advanced manufacturing technologies**, we guarantee precision and reliability in every product. Our expertise spans tooling and prototyping, cable processing, soldering, crimping, injection molding and rigorous testing.

This end-to-end capability ensures **unmatched performance and dependability**, so your systems run smoothly and your business stays connected.

AMERICAS

3 Plants

7 Warehouses

EMEA

19 Plants

22 Warehouses

ASIA-PACIFIC

13 Plants

16 Warehouses

EPIC® M5, M8, M 12, RJ45 portfolio

EPIC® M5

The M5 circular connector is one of the smallest industrial connectors.
Its compact design makes it suitable for applications in tight installation spaces for signal transmission.

Available as
- Overmoulded connectors with cables
- Panel mount connectors

Key Features
- Cable Options: Customizable lengths and executions
- Protection Class: IP67
- Coding: A

EPIC® M12

The M12 connector is the most widely used connector in manufacturing automation for signal, data, and power transmission.

Available as
- Overmoulded connectors with cables
- Field assembly connectors
- Panel mount connectors
- T-Adapters
- Y-Splitters

Key Features
- Cable Options: Customizable lengths and executions
- Protection Class: IP67, IP68, IP69K
- Coding: A, B, C, D, X, Y, S, T, K, L
- Highlights: Optional anti-vibration locking screw, 360° EMC shielded versions and Push-Pull locking

EPIC® M8

The M8 connector is widely used in manufacturing automation for small sensors and actuators. It supports signal and data transmission.

Available as
- Overmoulded connectors with cables
- Field assembly connectors
- Panel mount connectors

Key Features
- Cable Options: Customizable lengths and executions
- Protection Class: IP67, IP68, IP69K
- Coding: A, B, D
- Highlights: Optional anti-vibration locking screw and 360° EMC shielded versions

EPIC® RJ45

The RJ45 data connectors provide 360° shielding for interference-free data transmission under challenging EMC conditions.

Available as
- Overmoulded connectors with cables
- Field assembly connectors

Key Features
- Cable Options: Customizable lengths and executions
- Pin Configurations: 4P, 8P
- Highlights: 360° EMC shielded versions

ÖLFLEX®
Power and control cables

UNITRONIC®
Data communication systems

ETHERLINE®
Data communication systems
for Ethernet technology

HITRONIC®
Optical transmission systems

EPIC®
Industrial connectors

SKINTOP®
Cable glands

SILVYN®
Protective cable conduit systems
and cable carrier systems

FLEXIMARK®
Marking systems

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www.lapp.com

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