Industrial Data Communication by LAPP.

The right solution for every application

Digitalisation is already leading to ever increasing data volumes in production halls. As a result, Ethernet, which has already become a standard in office environments, is also becoming increasingly important in industrial environments. The challenge for industrial data cables lies in reliably transferring ever higher data rates in harsh industrial environments. The cables are often bent millions of times in cable chains or are exposed to corrosive substances and high temperatures.

As we incorporate products into our customers' automation processes, we are constantly asked to supply innovative ideas to solve important future-oriented challenges. Therefore we offer our customers a wide array of components and system solutions for factory, building and process automation. Our data communication solutions include complete cabling and connectivity systems for integrated networking at the sensor/actuator and control level right through to the inventory management system.
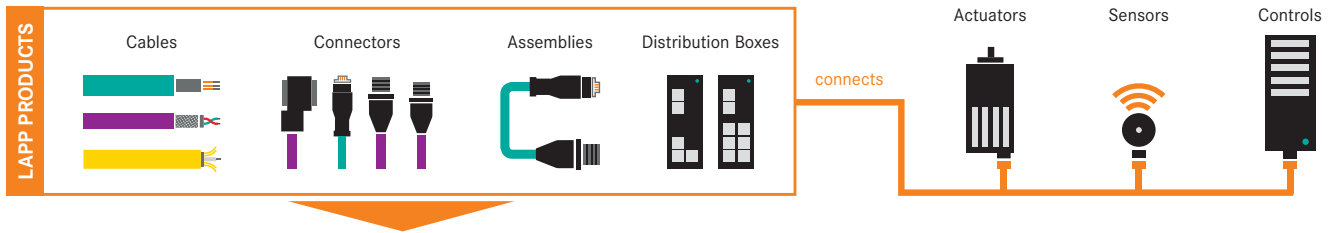
Your benefits

- Extremely high availability of materials
- Approx. 800 cable types for Ethernet and Fieldbus
- Approx. 150 different data connectors
- Switches and distribution boxes available in various designs
- Products for all protocol standards
- Protocol-independent expert know-how
- No MOQ on stocked articles
- Cables, patchcords or customer-specific assemblies
- Global availability at 40+ sites

Find out more:
www.lappkabel.com/idc-experience

LAPP PRODUCTS: Cables | Connectors | Assemblies | Distribution Boxes — connects — Actuators | Sensors | Controls

Our products at a glance

Standard		Conductor	Cables	Connectors	Assemblies	Distribution Boxes
Ethernet	CC-Link IE EtherCAT® EtherNet/IP® Modbus TCP Powerlink® PROFINET®	Copper	ETHERLINE® Cat.7 FLEX ETHERLINE® TORSION Cat.7 ETHERLINE® PN Cat.7 Y ETHERLINE® FD P FC Cat.5 ETHERLINE® TRAY ER PN Y FC	EPIC® DATA RJ45 EPIC® DATA M12D EPIC® DATA M12X	ETHERLINE® cables assembled with: – M8 (A-coded) – M12 (D- or X-coded) – RJ45	Managed and unmanaged switches
		Fibre-optic	HITRONIC® HDH mini-breakout cable HITRONIC® HQW-Plus armoured outdoor cable	SC and LC connector	Fibre-optic trunk cables made to customer specifications	Switches with fibre-optic port
Fieldbus	Sensor/actuator		UNITRONIC® SENSOR LiFYY A UNITRONIC® SENSOR FD LiF9YC11Y UNITRONIC® ROBUST S/A FD	EPIC® SENSOR M8 EPIC® SENSOR M12	Assemblies with M12 and M8 connectors	M8 and M12 distribution boxes
	Profibus DP		UNITRONIC® BUS PB TRAY UNITRONIC® BUS PB TORSION UNITRONIC® BUS PB HEAT 180 UNITRONIC® BUS PB ARM UNITRONIC® BUS PB BURIAL FC	EPIC® DATA PB Sub-D EPIC® DATA PB Sub-D EPIC® DATA PB Sub-D FC EPIC® DATA PB M12 EPIC® DATA PB TR M12	M12 plug to M12 socket M12 plug to open end Open end to M12 socket	—*
	CAN Open		UNITRONIC® BUS DN THICK FRNC UNITRONIC® BUS DN THIN FD Y UNITRONIC® BUS CAN UNITRONIC® BUS CAN TRAY UNITRONIC® BUS HEAT 6722	EPIC® DATA CAN Sub-D EPIC® DATA CAN Sub-D PRO EPIC® SENSOR M12 EPIC® DATA CAN TR M12	M12 plug to M12 socket M12 plug to open end Open end to M12 socket	M12 T-distributor
	AS-I		UNITRONIC® BUS ASI LD FD P YE UNITRONIC® BUS ASI FD (TPE) A UNITRONIC® BUS ASI (PVC) A	—*	—*	—*

Other products available upon request. *These products are not sold via LAPP.

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