Press release

⦿ LAPP

ETHERLINE® ACCESS switches with protection class IP67

Made for harsh environments: new decentralised switches from LAPP

Stuttgart, 25 July 2022 – **In the summer launch, LAPP will be presenting a variety of new products, including two switches for use outside control cabinets. Thanks to the IP67 classification, the ETHERLINE® ACCESS PN IP67 PROFINET switches and the ETHERLINE® ACCESS U IP67 unmanaged Industrial Ethernet switches are suitable for use directly in the field and enable consistent Ethernet networking.**

In the age of Industry 4.0, smart factory and networked communication systems, the data requirements and requirements for data transmission are constantly growing. All industrial networks must cope even in harsh environments with high volumes of data and at the same time withstand external influences. Decentralised installation techniques are also on the rise in automation. LAPP, the global market leader for integrated solutions in the field of cable and connection technology, is expanding its switch portfolio and is presenting two new Industrial Ethernet switches with protection class IP67, which drive forward this decentralisation of components and are used directly on the application. They enable networking directly in the field environment without control cabinets, saving installation time and long cable distances.

Consistent Ethernet networking in industrial environments

The new switches with a wide range of management functions connect up to 8 network participants via M12D-coded connections and were specially developed for use in harsh industrial environments outside of control cabinets. Thanks to their protection class IP67, they can be installed directly on or in the machine.

ETHERLINE® ACCESS PN IP67 with 8 ports (10/100Base-T(X)) for D-coded M12 connectors is particularly suitable for use in PROFINET networks in automation technology ("Conformance Class B"). For decentralised use at the field level, it can be used in an extended temperature range from -40°C to +75°C. The managed switch prioritises PROFINET telegrams with real-time data and enables simple configuration and diagnosis via PROFINET or the web interface. In

addition, this variant supports MRP (client), LLDP, DCP and SNMP, allows diagnostic alarms and detailed network statistics.

The **ETHERLINE® ACCESS U IP67** unmanaged industrial Ethernet switch with 8 ports (10/100Base-T(X)) for D-coded M12 connectors is ready for use exceptionally quickly with minimal installation effort. The generous 16K-MAC address table and a comprehensive 256 Kbyte package buffer is also available for use. For use in Ethernet-based networks in automation engineering, it is also suitable for use in PROFINET networks ("Conformance Class A") and can be used in an extended temperature range from -40°C to +75°C.

Jürgen Greger, Industrial Communication Product Manager at LAPP: "LAPP is gradually expanding its switch portfolio and can now cater to decentralised applications. With these two new switch variants, we are more broad and can now offer our customers optimum connection solutions for PROFINET and Ethernet-based networks without the need for control cabinets".

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Press release

Images and graphics

For this press release, you will be provided with digital images in printable resolution. The photos may be used free of charge. No graphical editing is permitted, except for cropping the main motif.

ETHERLINE® ACCESS PN IP67

Industrial Ethernet switch with 8 ports for M12D connector, protection class IP67, for decentralised applications in PROFINET networks (CC-B).
Photo: LAPP

You can download the image here [here](#).

LAPP new summer 2022 products

During the summer launch, LAPP will be presenting a variety of new products, including industrial Ethernet switches with protection class IP67.
Photo: LAPP

You can download the image here [here](#).

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About LAPP:

Headquartered in Stuttgart, Germany, LAPP is a leading supplier of integrated solutions and branded products in the field of cable and connection technology. The company's portfolio includes standard and highly flexible cables, industrial connectors and screw technology, customised system solutions, automation technology and robotics solutions for the intelligent factory of the future, as well as technical accessories. LAPP's core market is in the industrial machinery and plant engineering sector. Other key markets are in the food industry, logistics, as well as the energy and the mobility sector.

The company was founded in 1959 and is still fully owned by the founding family to this day. In the 2020/21 financial year, it generated a consolidated turnover of EUR 1,423 million. LAPP (including its non-consolidated companies) currently employs approximately 4,586 people across the world, produces at 21 international sites and has over 44 sales companies. LAPP also cooperates with around 100 international offices.

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https://lappconnect.lappgroup.com/en/press

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