

Top performance for industrial applications - the new 10G Profi Line Rack switch from MICROSENS

Hamm, 19.06.2018 – The euromicron subsidiary MICROSENS expands its range of robust and high-availability switches. The new fanless switch comes into use wherever there is an increased demand for connection along with the highest requirements for reliability, and where the use of mechanical fans is not possible.

With its 28 ports, the new flagship of MICROSENS industrial switches is suitable both for the cabling of larger units in industrial environments and for in-house applications. With the scalable and broadband connection, it offers top performance and maximum availability of the applications. The tough design enables reliable operation in the temperature range from -40 to +75°C.

Its application options range from the control cabinet at the roadside through to the raised floor in the office area. As an active consolidation point, it forms the cost-effective network structures for open-plan offices based on the MICROSENS Fiber To The Office concept. The new switch is also an ideal solution for control stations, in surveillance applications, or training facilities.

Robust design and convenient handling

The switch has a robust and compact metal chassis. The low installation depth allows it to be placed into the control cabinet, in the suspended ceiling, or the raised floor for easy access. All connections are located on the front panel to facilitate cabling. The 19-inch switch is a particularly interesting solution for small distribution units.

Fanless and extremely reliable

The Profi Line rack switch was designed for the greatest availability and shortest recovery times. Network redundancies can be established both via the SFP ports and the copper ports. In the event of failure, a special ring redundancy mechanism detects a fault on a network node or interruption of the line and ensures the automatic reconfiguration of the network within milliseconds. Furthermore, monitoring via secure management protocols is possible.

The new Profi Line rack has 24x 10/100/1000T copper ports that also support PoE/PoE+. The maximum switch output power is 420 W. As an uplink, there are four dual speed 10G/1G SFP+ and SFP connections available. The fiber optic connection is made via special transceivers with an extended temperature range.

For further information, go to www.microsens.com

PRESS RELEASE

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About MICROSENS

Transmitting information via fiber optic connections offers numerous benefits. MICROSENS GmbH & Co. KG recognised this very early on. As one of the pioneers, the company has developed and produced high-performance communications and transmission systems in Germany since 1993. Individually matched to the demands of diverse usage areas and embedded in comprehensive concepts for individual sectors. But, above all, close to the customer. Technical challenges from customer projects are incorporated directly into product development. This way, IP-based automation solutions are created for modern buildings, cost-efficient network concepts for the office and workspace, robust and fail-safe solutions for industrial environments, optical transport systems future-oriented wide area networks and efficient coupling of sites and computer centres. Moreover, the companies affiliated in the euromicron group develop strategic applications and technologies for digitalized buildings, Industry 4.0 and critical infrastructures.

About euromicron AG:

euromicron AG (www.euromicron.de) is a medium-sized technology group. As a German specialist for the Internet of Things (IoT), euromicron enables its customers to network business and production processes and successfully move to a digital future. With its solutions for Digital Buildings, Smart Industry and Critical Infrastructures, flanked by Smart Services, the euromicron Group is the partner to small and medium-sized enterprises, large companies and public-sector organizations. Tailor-made, innovative technology solutions are a core competence of euromicron. With its expertise in sensors, devices, infrastructure, software and services, euromicron is in a position to offer its customers networked and comprehensive solutions from a single source. In this way, euromicron helps its customers to increase flexibility and efficiency as well as to develop new business models. The euromicron Group comprises a total of 16 subsidiaries, including the brand names ELABO, LWL-Sachsenkabel, MICROSENS and telent. The technology group is headquartered in Frankfurt/Main, has been listed on the stock exchange since 1998 and employs around 1,800 people at 30 locations. euromicron generated total sales of €332.9 million in fiscal year 2017.