

euromicron subsidiary MICROSENS introduces the new High-Power PoE Injector to the market

Robust PoE injector provides up to 95 watts

Hamm, 15 September 2016 – As of now, end devices with a demand for power of more than 60 watts can be supplied via Power-over-Ethernet. The new Entry Line High-Power PoE Injector of the euromicron subsidiary MICROSENS supplies devices with electric power of up to 95 W over the data connection. Applications in security technology, such as PTZ surveillance cameras with heated casing for outdoor areas, or white light and infra-red spotlights benefit from the high performance just as much as access points, LoRa® wireless communication systems, and mobile computers. The injector can also be integrated quickly and simply into existing networks.

The new injector fully complies with the existing PoE/PoE+ Standard and supports Gigabit Ethernet with data transmission rates of 10/100/1000 Mbps. In addition to the operating modes according to IEEE 802.3af/at with 15.4 W/30 W, a higher performance of up to 95 W can be provided. Here, all four wire pairs of a twisted pair data connection are uniformly used for power transmission.

The new injector serves, for instance, to supply LED and infra-red spotlights used for video-surveillance in an economically efficient way with power by means of Power-over-Ethernet. In addition, existing switches can continue to be operated and do not have to be replaced as inevitably.

With its robust metal casing and the extended temperature range from -40 to +70 degree centigrade, the injector is ideally suited for the application in an industrial environment. The extended shock and vibration resistance of the injector was proved in many-sided applications under adverse environmental conditions. As of now, the device is available under the designation MS657033X.

You can find this press release along with background information and high-resolution images at: www.microsens.com

About MICROSENS:

Since 1993, MICROSENS GmbH & Co. KG has been standing for fiber optic solutions. As one of the pioneers of fiber optic transmission systems, the internationally active company covers all performance sectors of fiber optic technology. Starting with solutions for future-proof office networking and high-availability in rough environments, the product portfolio ranges from large-scale site networking and interconnection of computing centres up to high-performance Wide Area Networks (WANs). In all these fields of application, MICROSENS provides and ensures efficient, fast, and secure data transfer. As an internationally successful manufacturer, MICROSENS distributes its products on a worldwide scale. In addition to the company headquarters in Hamm in Westphalia (Germany), MICROSENS also has sales subsidiaries in France and Poland to optimally fulfil the diverse requirements of its customers on-site.

PRESS RELEASE

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About euromicron:

As a company group, euromicron AG (www.euromicron.de) combines medium-scale high-tech companies from the sectors of digitalized buildings, critical infrastructure, and Industry 4.0. As a German specialist for the Internet of Things, euromicron enable their customers to network business and production processes and to successfully venture the path to a digital future. From the design and implementation over the operation up to combined services, euromicron implement customer-specific solutions and, thus, provide the necessary IT, network and security infrastructures. In this way, euromicron enable their customers to migrate the existing infrastructures to the digital age in a stepwise mode. The expertise of euromicron supports the customers of the company in increasing their flexibility and efficiency as well as in the development of new business models which set the cornerstone for the corporate success of tomorrow. The technology corporation, which has been registered at the stock market since 1998 and has its headquarters in Frankfurt am Main, employs approximately 1,800 employees at 30 company sites. The euromicron group includes 14 subsidiaries in total, among them the brands Elabo, LWL-Sachsenkabel, MICROSENS, and telent. In the business years 2015, euromicron AG achieved a total turnover of 345 million Euros.