

IP 67-Switches resist extremest conditions



Press INFO

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In order to meet the extreme requirements in industrial environments, MICROSENS offers a new generation of Industrial Ethernet devices now: Switches with IP 67 protection class. The IP 67 standard guarantees the complete dust tightness, splash water protection and resistance against temporary submersion into water.

These switches are designed for all applications in indoor and outdoor environments. Controlled environment conditions in terms of humidity or temperature is not necessary. This allows placing the switches closer to the application and special housings for protection are obsolete. The wide operating temperature range is from – 40 to +75°C.

The compact IP 67-Switches are having 5 or 8 Fast Ethernet ports with 10/100Base-TX depending on the relevant version. All ports are realised with the M12 connector technology.

The M12 connector is specially designed for Industrial Ethernet applications and offers compatibility between the devices of different manufactures. Due to this the M12 technology offers the largest base for connection technology in IP 67 areas.

The devices are equipped with robust wall mount brackets and can be mounted in any position, even under a ceiling. Optionally it is possible to mount the devices on DIN-Rails. The switches are compliant to all major industrial standards and can be put into operation very quickly in plug & play manner. The power supply is possible by a redundant input with a voltage from 10 to 30 VDC. This also guarantees the highest availability of the devices.

You can find this press release, background information and high-resolution images at:

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Company profile

MICROSENS is a world leader in production of fiber optic data transmission systems. The companies' expertise covers all applications using fiber optics, ranging from local area networks (LAN), via access networks right up to industrial and metro networks (MAN).

Heavy investments into the latest manufacturing equipment together with most advanced technology guarantee leading edge solutions. MICROSENS offers creative solutions using high quality components in order to meet customer requirements at the highest level in an application orientated and cost effective way.

Since its foundation in 1993, MICROSENS, which is based in Hamm, Westphalia (Germany), has concentrated with increasing success on the development and production of active components for data communication networks.

MICROSENS sells its solutions worldwide via the headquarters and the representative sales offices in France, Poland and Singapore. The product range is sold and supported locally by certified Sales Partners. All delivered products meet international regulations and standards, such as Gigabit Ethernet, SONET/SDH, Fibre Channel etc.

The tremendous growth of the company leads to an international awareness as a manufacturer of active fiber optic systems. Due to the fact that MICROSENS has its own production facilities orders can be processed quickly and efficiently according to the customers requirements.

In autumn 2006 a further step for the future success was made. Due to the investment of the new main shareholder MICROSENS now belongs to the fast growing and high profitable euromicron group, which has a focus on networking and fiber optic technology with its several investments in the IT industry.