Kicker:

The latest generation of Xelity managed switches from Murrelektronik offers even more benefits

Headline:

***Efficient, safe and robust***

Teaser:

**As the forerunner and leader in decentralized electrical automation technology, Murrelektronik offers a broad range of smart solutions to bring signals, data and power close to the process. Ideal for today's modular intralogistics systems, the latest generation of IP67-rated Xelity managed switches offers even more benefits.**

Text:

**Greater flexibility and modularity, lower costs thanks to significantly reduced cabling and installation effort, and greater reliability thanks to a wide range of diagnostic options: Murrelektronik** is the right choice for anyone who wants to benefit from the **advantages of decentralized electrical automation technology in intralogistics.**

**Murrelektronik** is the forerunner in this forward-looking technology and has a wide range of products that can be used to move components out of the control cabinet and into the industrial field. The spectrum ranges from I/O systems, power supplies and network solutions up to the **Vario-X** system, the fast and easy installable, modular complete solution for cabinet-free automation.

**Communication networks are the backbone of digitization**

**Decentralized and digital** – this simple formula sums up what makes industrial network technology future-proof. Because the demands on modern intralogistic systems are increasing: **maximum flexibility, minimum installation times and effortless expandibility** are the keys to success.

**Real-time diagnostics** are also becoming increasingly important to identify potential problems before they become costly failures.

What's more, as applications become more complex, so do the data streams. This makes **switches, the heart of network technology,** increasingly important.

What is needed are devices that are both powerful and reliable, **ensuring optimal network performance** and protecting the network from unauthorized access and cyber threats.

**Many convincing arguments**

**Murrelektronik**'s latest generation of **Xelity managed switches**, available with 5 or 10 ports and with data transfer rates from 100 Mbit to 2.5 Gbit, offers an **efficient, secure and robust solution** with a **highly attractive price/performance ratio** for **fast and smooth data traffic** in intralogistics. They support PROFINET, Ethernet/IP and Modbus TCP and communicate seamlessly with higher-level controls.

**Developed and manufactured in Germany**, the switches are **ideally suited for time-critical applications** in material or goods flow control, ensuring **smooth and latency-free communication** between machines, sensors and control systems. The focus on real-time application of relevant data ensures **maximum performance.**

Talk about smooth: Thanks to the **plug & play principle with pre-assembled connection and junction cables** based on internationally recognized standards, **simple, convenient configuration via the web server** and preset parameters, **installation and commissioning are completed in no time at all.**

And even a **device swap** can be done **quickly and without expert knowledge:** All the data needed to resume operation can be automatically uploaded to the new switch via the controller.

As usual with **Murrelektronik** products, **all Xelity managed switches are IP67-rated** and designed to withstand harsh industrial environments.

They feature rugged, **fully encapsulated plastic or metal housings**, are **shock and vibration resistant,** and operate in temperatures from up to **-40 to +70 degrees Celsius.**

Their **compact design** also makes them the **ideal solution for decentralized automation concepts and flexible network topologies** that are precisely tailored to the requirements of the respective application. And thanks to UL approval, they can be used worldwide.

**Murrelektronik's experienced application experts** are available worldwide to work with customers to find the best individual topology. They can draw on decades of in-depth **application consulting experience in intralogistics projects.**

**Perfect for ring topologies**

**Xelity managed switches** are the perfect basis for quickly, easily and cost-effectively implementing ring topologies **directly in the field,** creating **robust, fail-safe network structures** for conveyor systems, stacker cranes and picking systems.

This enables **redundant data connections** and reduces downtime to an absolute minimum: if the data communication path is interrupted, devices in the communication chain are served by the other side of the ring.

They are also robust when it comes to **security,** offering **advanced security features for network segmentation and access control.**

Pictures:

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**About Murrelektronik:**

Making industrial automation as simple, seamless and cost-efficient as possible with smart solutions: Murrelektronik is the forerunner in decentralized electrical automation technology and has become, based on this DNA, the leading company in this field. Murrelektronik's solutions bring signals, data and power close to the process, eliminating the need for control cabinets. For around 50 years, more and more customers worldwide from all manufacturing industries have placed their trust in this special expertise. Headquartered in Oppenweiler, Germany, the successful family-owned company has an extensive network of over 3,200 experts in more than 50 countries. With several global production and logistics locations, Murrelektronik is close to its customers to solve their diverse challenges quickly and smartly. The company has continued to expand its portfolio and covers a wide range – from connectors to I/O systems, power supplies and network technology up to the fast and easy installable, modular complete solution for cabinet-free automation, called Vario-X. As part of the plug and play mindset, Murrelektronik also offers holistic digital services supporting installation, commissioning and maintenance. Learn more here: [www.murrelektronik.com](http://www.murrelektronik.com)

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