

Decentralized, seamless and robust into the future of automation

Murrelektronik is providing an exclusive showcase of its latest automation innovations at SPS 2023 (November 14 to 16 in Nuremberg), where it is exhibiting at **booths 325 and 231 (next to each other) in hall 9.**

Under the motto “connected FUTURE decentralized. seamless. robust.” we will demonstrate to you live how seamless, decentralized and robust installation technology can take the decisive step towards digitalization. Our installation expertise and hardware play a central role in this. This is how we create maximum openness and performance at all levels and at all interfaces.

The following highlights await you at SPS 2023:

- **Vario-X – the enabler when it comes to decentralization in production**
Efficient automation solutions call for an end-to-end, decentralized installation concept. Murrelektronik has perfectly embodied this approach with Vario-X, the first ever automation platform that transfers sensor and actuator systems to the field on a cabinet-free, decentralized basis. What’s more, the platform’s digital twin saves time and money during planning, installation, operation and servicing. See Vario-X live in action at the trade show and discover its wide-ranging applications.
- **The Vario-X Controller is a robust and reliable industrial PC**
By developing the Vario-X Controller, Murrelektronik has now created a high-performance and versatile industrial PC that, as a decentralized controller, can either be used at the heart of a machine or incorporated into a higher-level control network.
- **Murrelektronik expands operations with machine vision systems**
With its machine vision installation solutions, Murrelektronik now offers customized industrial image processing options for decentralized automation technology. These help to network, digitalize and, ultimately, optimize processes in the material flow and in production. To provide a better idea of potential uses, a machine vision application is also being demonstrated live at the trade show.

- **Intelligent integration of IO-Link devices**

The IP67-rated fieldbus modules MVK Pro and IMPACT67 Pro are the latest additions to Murrelektronik's IO-Link portfolio. With eight multifunctional master ports, these robust modules support all standard protocols or can be used independent of the fieldbus and provide a 4A port output current plus on-board diagnostics.

- **Mico67 – load circuit monitoring in the field**

Murrelektronik has now added two new modules for electronic overcurrent protection to the Mico product family. An IP67 protection class makes these modules ideal for applications where a large number of sensors and actuators with similar requirements are protected.

- **Clear and reliable signaling with Modlight60**

With 20 RGB LED slices, 21 adjustable colors and ten different light patterns, the Modlight60 Pro RGB IO-Link signal tower from Murrelektronik offers flexible options for clear, attention-grabbing signaling by visually separating the individual RGB LED slices – even in challenging environments.

- **uKonn-X – seamless electrical installation**

The planning and installation of electrical automation technology offers significant potential for boosting efficiency. Murrelektronik leverages this potential and uses its seamless approach to take the product development process to a whole new level. uKonn-X is the first seamless, digitally and visually supported system with bidirectional communication between the design, development, assembly and commissioning stages. You can try uKonn-X out for yourself at the show under the guidance of experts.

- **Emparro20-Pro enables remote access with an IO-Link option**

Emparro20-Pro is over 40 percent slimmer than its predecessor. It is also much smaller and therefore more compact overall. This switched-mode power supply impresses with IP20 protection and a high efficiency level of more than 95 percent, which minimizes operating costs.

- **MQ15 – machine power made easy**

Murrelektronik's water-tight and dust-tight MQ15 plug-in connectors are ideal for connecting asynchronous and three-phase motors. Their tool-free quick-

connection system makes them easy to install. A quarter turn is all it takes to lock them securely in place with IP67-rated sealing. The innovative quick-connection system also reduces the assembly time by up to 80 percent when installing new units or carrying out servicing and maintenance work.

- **Xelity 10 TX IP67 – a switch designed for heavy traffic and any application**

Murrelektronik's Xelity 10 TX IP67 managed switch offers new possibilities for smart data management on a decentralized, cabinet-free basis. With up to ten gigabit ports, a highly robust design and a whole host of variants, it represents the new benchmark for such products.

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