

Innovative Servo Drive Solutions for Intralogistics at SPS Messe Nürnberg

At this year's SPS Messe Nürnberg, Metronix is excited to present our latest innovations designed to transform intralogistics systems, focusing on Automated Guided Vehicle (AGV), Autonomous Mobile Roboter (AMR), and automated warehousing solutions (Pallet-Shuttles, Conveyor). With a spotlight on flexibility, scalability, and robust performance, our products are enabling the future of automated logistics and manufacturing.

Unveiling the Power of the BL 4840-M/D Series and Decentralized Solutions

Our flagship **BL 4840-M/D** servo drives, along with their mounted and decentralized variants, are built for applications that demand advanced intralogistics (**compact and powerful motion control**). These devices are perfect for driving **AGV, AMR, and assembly lines**, providing high performance even in demanding environments.

Why the BL 4840-M/D Series? Key Features:

- **Compact yet powerful:** Designed to fit seamlessly into space-constrained environments without compromising on power
- **Decentralized control:** Ideal for applications requiring distributed control, our decentralized variants simplify the integration of drives across different parts of your system
- **Robust for intralogistics:** Built to withstand tough conditions, these drives are ideal for AGV and AMR that operate in warehouses, assembly lines, or automated storage systems
- **Ready for integration:** With no further EMC-Testing needed
- **No further test required:** Additional environmental Tests or TÜV and UL-Tests are not needed, because they are fully done for all of our servos

More Information at www.metronix.de

MTX 0016-R1



Firmware Enhancements: Unlocking New Levels of Performance BL 4000-C/M/D

sps

smart production solutions

To keep up with the evolving demands of modern intralogistics, we've introduced significant firmware updates across our product line. These updates ensure that your system operates with:

- **A wide Range of motors and encoder types** (HIPERFACE®, HIPERFACE DSL®, EnDat 2.2, resolver, analogue and digital incremental encoders, BISS, FA-CODER®, Nikon A-Format, ...)
- **Endless multiturn functionality**
- **Much different Fieldbusses** like CANopen, EtherCAT, PROFINET, Powerlink (new)
- **Full compatibility** to our Cabinet servo line BL 4000-C

Further more we have now an easy way to look into the drives when Fieldbus is running by use of our Metronix ServoCommander® (MSC). These updates make the BL 4840-M even more suitable for high-speed, high-precision operations in logistics and manufacturing, while simplifying maintenance and reducing downtime.

Real-World Success: BL 4840-M in Action

One of our flagship projects involves the integration of our **BL 4840-M** servo drives into AGV systems for a leading premium automobile manufacturer. Working closely with **DPM and Fritz-Antriebsstechnik**, our drives power the **AGV** that transport vehicles in **Porsche's Zuffenhausen** facility.

The real standout? **Profinet communication** links all components seamlessly within the vehicle, providing complete visibility of the manufacturing process. This allows for **remote maintenance** via the **Metronix Servocomander (MSC)**, ensuring the system runs smoothly without interrupting production.

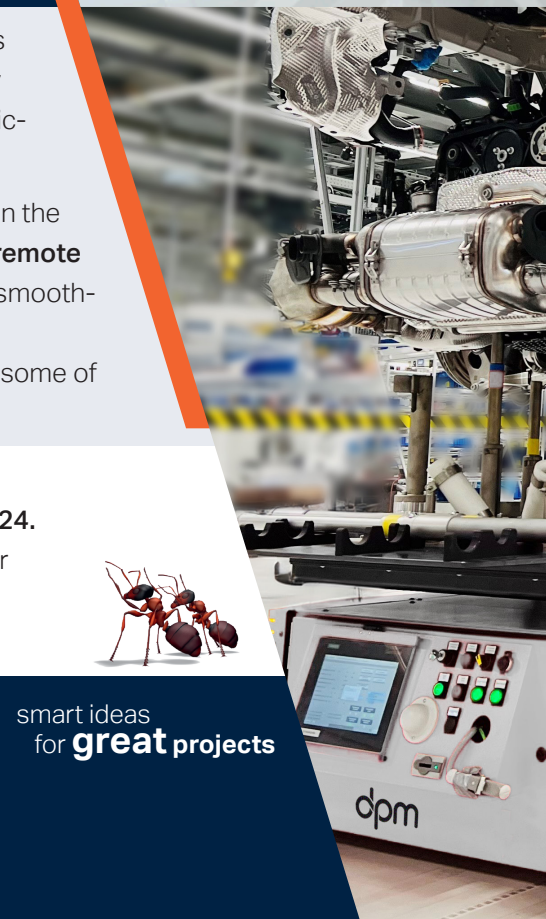
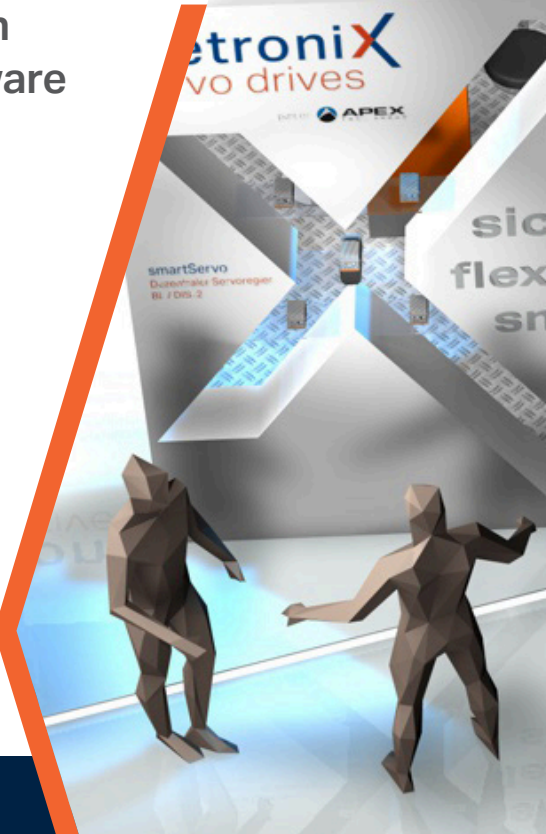
Our servo drives are not just controlling motion but are streamlining operations for some of the world's most advanced manufacturing processes.

Join Us at SPS Messe Nürnberg 2024!

We invite you to experience the future of intralogistics at **SPS Messe Nürnberg 2024**. Our team will be showcasing live demonstrations of our **BL 4840-M** drives and their role in AGV, AMR, and automated storage systems. Come see how our technology can elevate your logistics and manufacturing operations to new heights.

Contact Us for More Information

Stay up to date with Metronix's latest innovations by visiting our website at www.metronix.de. For detailed inquiries or to schedule a meeting at SPS, feel free to reach out to our sales team.



smart ideas
for **great** projects