

## Product News

### KOLLMORGEN Automated Guided Vehicles **KOLLMORGEN**

www.kollmorgen.com

**T**he world of **Automated Guided Vehicles** is expanding. New vehicle types such as carts and mobile robots are gaining ground as well as reflector and natural navigation technologies. Together they create new ways for companies to improve efficiency in material handling and warehousing, with a short payback period. The LS2000 navigation sensor and CVC700 give your automated guided vehicles the eyes and brains needed for fast and precise movements.



**CVC700 vehicle controller**



**LS2000 navigation sensor**

#### Freedom to choose

Navigate via reflectors, natural objects or a combination of natural navigation with reflectors added where necessary. LS2000 and CVC700 offer you lots of possibilities.

#### Always in control

LS2000 and CVC700 provide your automated guided vehicles with accurate data—the basis for fast and precise movements in free ranging navigation.

#### Built to last

No moving external parts on LS2000. Rugged design and IP 65 classification for both LS 2000 and CVC700. Compact design makes them easy to fit. Temperature range: -30°C to +55°C.

**Kollmorgen was founded by Otto Kollmorgen in Northampton, Massachusetts in 1916 to design and make periscopes for the U.S. Navy's young submarine division.**

### Autonics BD Series

### Autonics

www.autonics.com

**L**aser Displacement Sensors (**Sensor Head and Amplifier Unit**)  
 The BD series laser displacement sensors can measure thickness, width, level difference, disparity, curve, evenness of target objects by detecting the amount of displacement. The sensors offer accurate and stable measurement with minimal influence from target color or material. The sensor head and amplifier unit are detachable for easier maintenance and up to 8 sensor amplifier units can be interconnected with mutual interference prevention function.



**Sensor Head and Amplifier Unit**

**Since its establishment in 1977, Autonics has been trying to develop the overseas market with its advanced sensing and control solutions, that it is now operating 11 overseas operations and more than 100 local sales agencies, and almost 50% of its total revenue comes from overseas market.**

## Endress and Hauser Liquiline CM448

Endress+Hauser 

www.endress.com

The Liquiline CM448 transmitter allows you to connect up to 8 Memosens sensors of your choice from over 12 measurement parameters. It offers automatic sensor recognition, simple operation, and standardized spare parts with all other devices of the Liquiline platform. With its inputs, outputs, controllers, and math modules, you can even control cleaning systems or dosing pumps. Heartbeat Technology helps you find the ideal balance between measuring point availability and maintenance costs.



CM448

Endress+Hauser was founded in 1953 in Lörrach, Germany. Swiss engineer Georg H.

## Advantech UNO-100/300 Edge controllers



www.advantech.com

Advantech UNO-100/300 edge controllers for machine to intelligence applications! Aimed at factory applications such as real time monitoring, data management, and remote control, Advantech's new UNO-100/300 edge controllers feature a rugged design with wide operating temperature, shock/vibration tolerance, and a built-in TPM 2.0 module to ensure secure data transfers and reliable operations in harsh industrial environments. Their modular form factor allows these controllers to be flexibly deployed and come with diverse interfaces for optional expansion, such as PCIe for high-density I/O, PCI for motion cards, and iDoor expansion for fieldbus modules. This customizable functionality streamlines deployment and maintenance while providing cost-effective upgrades, making UNO-100/300 series edge controllers future-proof solutions

ideal for realizing intelligent factory operations.



UNO-100/300 Edge controllers

When Advantech was established in 1983, its focus was on promoting industrial automation. Following several corporate transformations, Advantech has successfully developed software and IoT cloud platforms, and established complete solutions in the field of AIoT applications.

## Product News

### Moxa AIG-301 Series



www.moxa.com

The AIG-301 Series advanced IIoT gateways are designed for Industrial IoT applications, especially for distributed and unmanned sites in harsh operating environments. The gateways implement Modbus RTU/TCP master/client protocols which can help you to effortlessly collect data from Modbus devices. Moreover, Azure IoT Edge software is preloaded and seamlessly integrated with the AIG-301 to enable easy, reliable, yet secure sensor-to-cloud connectivity for data acquisition and device management using the Azure Cloud solution. With the use of the Things Pro Proxy utility, the device provisioning process is easier than ever.



AIG-301Series

Thanks to the robust OTA function, you never have to worry about system failure during software upgrades. With the Secure Boot function enabled, you can

prevent malicious software injection attacks, especially during the boot-up process.

**Moxa Technologies is a Taiwanese technology company specializing in edge connectivity, industrial computing, and network infrastructure solutions.**

### Murr Elektronik Vario-X



www.murrelektronik.com

Vario-X is a holistic automation system from the sensor to the cloud. The system is designed with machine builders in mind. By applying agile design processes, we work together from project planning through the creation of a digital twins enabling the seamless integration of IT and OT. With apps, you can monitor your changing factory environment via secure endpoint devices and use that data to optimize production – and of course all this structured in a modular way. The highlight, however, is the advanced sensor technology integrated into each module to ensure optimal performance and availability, guaranteed by predictive maintenance.



Vario-X

**Franz Hafner founded Murrelektronik in 1975 in Oppenweiler, Germany, when he began selling a single product, the RC-501/220, a surge suppression module for Siemens contactors that he produced in his garage.**

## OMRON TM20 Collaborative Robot



www.moxa.com

The OMRON TM20 is the latest addition to the OMRON family of TM cobots, which are known for their ease of use, reliability, and safety. It is designed to work seamlessly with other OMRON products, including sensors, controllers, and software, to provide a comprehensive automation solution for industrial customers. The new Cobot is ideal for tasks such as palletizing, machine tending and material handling. Whilst managing heavy payloads, the OMRON TM20 has a small footprint and a reach of 1,3 meters.



Moxa Technologies is a Taiwanese technology company specializing in edge connectivity, industrial computing, and network infrastructure solutions.

## LAPP India



www.lapp.com

We will be displaying our extensive range of industrial communication solutions such as data communication cables for FIELDBUS and ETHERNET technology, industrial connectors, active network components such as ETHER-LINE® ACCESS - Industrial Network Switch for smart factories, ETHER-LINE® GUARD - a stationary monitoring device that continuously monitors an Ethernet cable, detects a decline in performance and display the cable status, and accessories.



## Trends In Industrial Automation Technology

### Trends Article on Page no. 11

Machine learning (ML) and Artificial Intelligents (AI), Cybersecurity automation, Datacenter automation, Data intelligence automation, Continuous integration (CI) and continuous delivery (CD) automation.



## Product News

### PEER ROBOTICS

PeerROBOTICS

www.peerrobotics.ai

**A**t Peer Robotics, our mission is to revolutionize manufacturing with simple, affordable, and intelligent robotic automation solutions. Our collaborative mobile robots have the unique ability to learn from humans in real-time through our Person2Peer technology. This makes it easy for anyone to task our robots for an application, whether you're a first-time robot user or a seasoned engineer. You can ensure not only instant deployment, but also the flexibility to easily redeploy them for different tasks as your needs evolve, enabling a resilient supply chain.



Peer Robotics delivers human-centric and adaptable mobile robots for efficient material movement in warehousing, manufacturing, and assembly lines. Gurugram based Peer Robotics as a startup was founded in 2019 by Rishabh Agarwal and Tanya Ra

## Subscribe

If you are a qualified automation engineer or professional in automation get



your free copy of imprint automation india magazine send your request mail [yourname@example.in](mailto:yourname@example.in) or [yourname@example.com](mailto:yourname@example.com) at [accounts@infocast.in](mailto:accounts@infocast.in) Ms. sarita solanki 9820712686

**Infocast**<sup>TM</sup>  
Information Casting  
Expo | magazine | seminar

Flat No 4A, Wing-6B, Sangeeta Appt, Ground Floor, Juhu Tara Road, Sanatcruz (W), Opp S.N.D.T college, Dist-Mumbai, Pin code-400054, Maharashtra.