

Factory Automation



800-701-7460
www.daviscontrols.com



Ethernet/IP, Modbus TCP I/O and Profinet products offer a variety of solutions for remote I/O, distributed process control and factory automation applications. Analog and discrete Ethernet I/O modules interface sensors and actuators to controllers with Modbus TCP/IP or Ethernet/IP CIP protocol network communication.



The Baumer Group is one of the worldwide leading manufacturers of sensors, encoders, measuring instruments and components for automated image-processing:

- Presence Detection: Inductive, Photoelectric, Ultrasonic, Capacitive, Magnetic sensors
- Distance Measurement: Inductive, Laser, Light section, Edge, Ultrasonic sensors
- Encoders: Absolute, Incremental, Heavy Duty, Bearingless
- Angle Measurement: Format alignment, Inclination & Acceleration sensors
- Process Instrumentation: Level, Flow, Temperature, Pressure, Conductivity, Force
- Identification / Image: Industrial Cameras & Vision sensors



Dedicated, reliable and user-friendly products that fit your specific application requirements and reduce your total cost of ownership. Danfoss AC drives are independent of motor manufacturers and adapt to any motor technology.

- Low voltage drives, Decentral drives, motion drives and gear motors, Soft starters



Optimum process control and energy efficiency for a wide variety of electric-motor-driven applications in a diverse range of industries. Including liquid- and air-cooled drives, the portfolio covers a power range of 0.25 kW – 5.3 MW.

- Low voltage drives, Medium voltage drives, Decentral drives, motion drives and gear motors



Nematron manufactures and distributes Rugged Industrial PC Computer and Industrial Monitor products. Comark is a leading provider of highly reliable, ruggedized computer and display solutions for mission critical automation and control applications.



Factory Automation



BALLUFF

Traceability can help improve overall plant efficiency in a variety of

different areas and processes within the manufacturing process. The desire for visibility in the process, customer satisfaction, profits and compliance are pushing many manufacturers to look at traceability as a long-term strategy. Manufacturers have discovered that implementing a traceability program is a proven method to meet their strategic goals.

IO-Link from Balluff comprises sensors and fieldbus technology with an extremely wide range of functional principles. Using fieldbus systems like PROFIBUS, PROFINET, EtherNet/IP, DeviceNet, CC-Link, CC-Link IE and EtherCAT, we speak IO-Link in all areas of automation. With IO-Link, you communicate from the control unit down to the lowest level of automation through a universally applicable standard interface for communication. With IO-Link enabled sensors, I/O hubs and RFID installed on the line, systems can communicate directly to the controller via the network level to guarantee efficiency.

LS IS

PLCs and HMIs for monitoring and operating automation facilities, using graphics designed by users. XGT Panels developed with the Windows CE Platform provide user-oriented convenience, clear and realistic expressions, speedy data transmission and treatment, and software familiar to users. LS Industrial Systems has applied an easy user interface, cutting-edge graphic technology, and other innovative technology that includes fast, stable network functions to XGT InfoU, an HMI-based software program.

LUTZE

SYSTEMATIC TECHNOLOGY

Cable Installation Solutions

offer reliable flexible and continuous flexing cable, wire management and industrial control solutions for factory automation applications.

Canon

3D Machine Vision System (RV-Series).

The RV-Series is designed to work with Robotic arm systems as an Eye to Capture the image of target parts and let robotic system know how to approach and pick up by the most reliable position to safely carry and place at commanded position.

SCHMERSAL

The largest range of safety switching appliances and systems worldwide for the protection of human life and machines. The comprehensive range includes safety switches, solenoid interlocks, emergency stop - switches, security sensors, safety mats with safety function, photoelectric light barriers and end switches, which include limit switches, position switches and micro switches.



Is a global leader in designing and manufacturing innovative controls, sensors and instrumentation solutions for the HVAC and process automation markets.

WEST

Control Solutions

is a global specialist in the manufacture and supply of temperature and process control instrumentation. Comprising products from four market leading brands, CAL, Partlow, PMA and West, the comprehensive product portfolio includes single and multi-loop controllers, limit devices, indicators and transmitters along with recorders and tools for data acquisition.



Offers a powerful HMI SCADA software for developing Windows®-based

applications in industrial automation, instrumentation and embedded systems.



Has specialized in manufacturing low profile, belt conveyors and

custom conveying systems for material handling, including magnetic and corrosion resistant varieties, for all industries and applications. Most conveyors are less than 2" tall — making them ideal for integrating with almost any machine.



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