

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

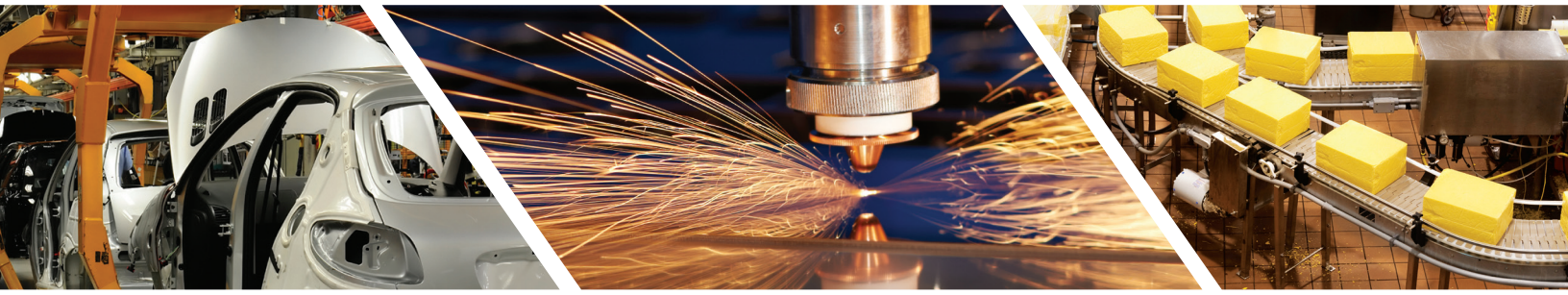
Expert team | Trust guarantee | 100% satisfaction

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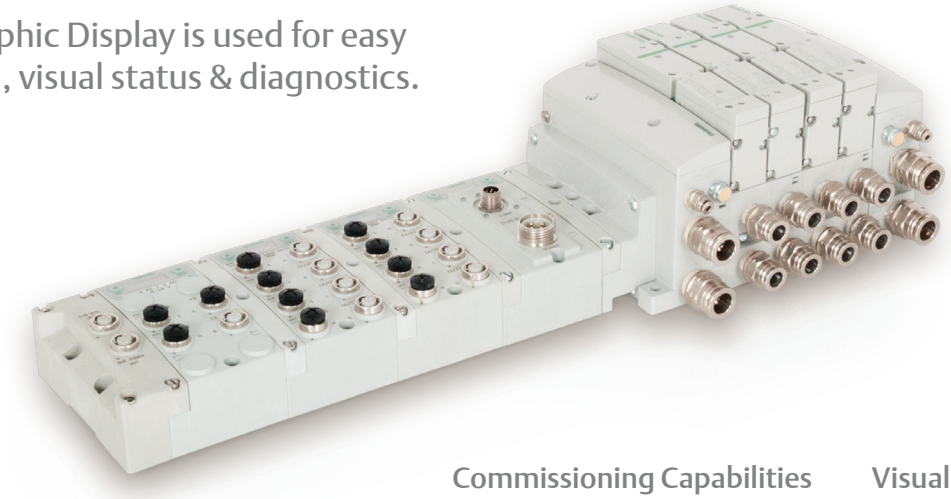
Find the *Emerson / Numatics 219-828* at our website: *Click HERE*

G3 Fieldbus

Electronics Made Easy!



Innovative Graphic Display is used for easy commissioning, visual status & diagnostics.





Graphic display for configuration & diagnostics



Auto Recovery Module



Highly Distributable



Easy, Robust Connections

Commissioning Capabilities

- Set network address (including IP & Subnet mask for Ethernet)
- Set baud rate
- Set auto or manual I/O sizes
- Set fault/idle output states
- Set brightness
- Set factory defaults

Visual Diagnostics

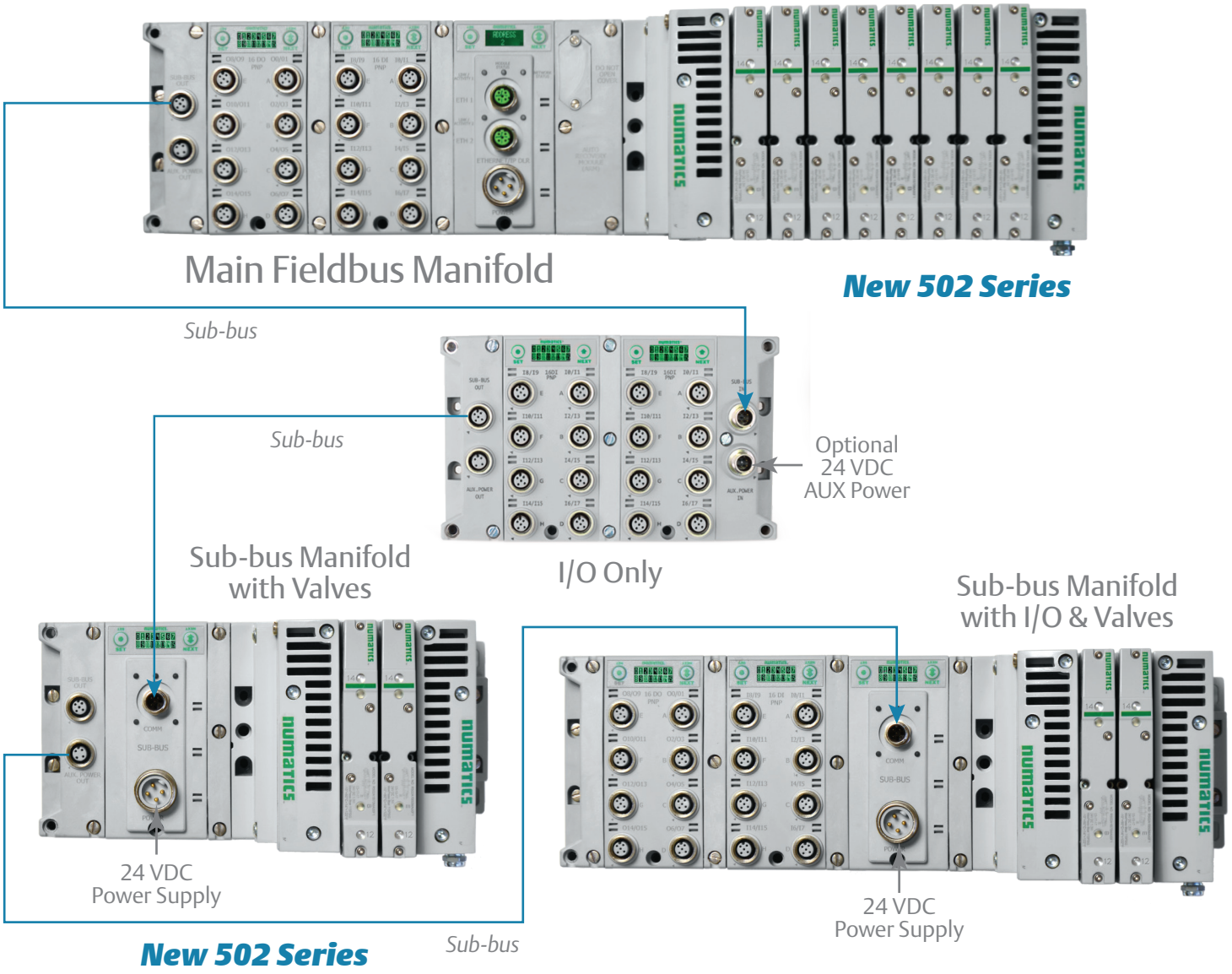
- Shorted and open load detection
- Shorted sensor/cable detection
- Low & missing power detection
- Missing module detection
- Self-test activation
- Log of network errors
- Distribution errors

Benefits

- SPEEDCON® M12 connector technology allows for fast and efficient ½ turn I/O connector insertion
- Power connector scheme allows output power to be removed while inputs and communication are left active
- IP65/NEMA 4 Protection
- Auto Recovery Module (ARM) protects configuration information during a critical failure
- Novel “clip” design allows easy module removal/replacement without dismantling manifold
- Interfaces to 501, 502, 503, 2002, 2005, 2012, 2035, ISO 15407-2 & ISO 5599/II Valve Series
- Integrated web server with EtherCAT®, EtherNet/IP™, EtherNet/IP™ DLR, Ethernet POWERLINK®, Modbus® TCP/IP, and PROFINET™

G3 Fieldbus | Platform Distribution Options

Easy, Cost Effective Solutions for Digital I/O and Valve Automation using G3 Electronics.



Distribution Benefits

- Up to 1,200 Input/1,200 Output capability with one communication node!
- Up to 128 valve solenoids per manifold, up to 17 manifolds per communication node!
- One node supports 16 I/O modules – Analog I/O, Digital I/O (NPN & PNP) and Specialty
- Unique distribution system allows system efficiency by allowing the same modules to be used in either centralized or distributed applications
- Distribution options include:
  -Inputs OR Outputs
  -Inputs AND Outputs
  -Valves with Inputs AND Outputs
  -Valves with Inputs OR Outputs
  -Valves only

Supported Protocols

- CANopen®
- CC-Link IE Field™
- DeviceNet™
- DeviceNet™ w/QuickConnect
- EtherCAT®
- EtherNet/IP™
- Ethernet POWERLINK®
- EtherNet/IP™ DLR w/QuickConnect
- Modbus® TCP/IP
- PROFIBUS™ DP
- PROFINET™

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EtherNet/IP, DeviceNet and QuickConnect are trademarks of ODVA.
EtherCAT is a registered trademark of the EtherCAT Technology Group.
CANopen is a registered Community trademark of CAN in Automation e.V.
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Ethernet POWERLINK is a registered trademark of Bernecker + Rainer Industrie – Elektronik Ges.m.b.H.
CC-Link is a registered trademark and CC-Link IE Field is a trademark of the CC-Link Partner Association.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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