

Georgia Automation

advancing technology



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	<p>Air Valves-Fieldbus Electronics-Air Preparation-Filter Elements- Cylinders-Slides & Gantries - Rotary Actuators – Vacuum Products</p>	
	<p>Automation Control Systems, Drives & Motion Controls, Temperature & Process Controls, Sensors & Vision, Code Readers & RFID, Industrial Components, Safety Light Curtains, Safety Mats, Process Safeguarding, Control Reliable Safety Interlocks & Switches</p>	
	<p>Industrial Shock Absorbers Elastomer Bumpers, Hydraulic Dampers & Gas Springs</p>	
	<p>Stainless Steel, Aluminum Air Cylinders & Slides</p>	
	<p>Air & Hydraulic Cylinders, Aluminum, Brass & All Stainless 3/4" to 3" Bores</p>	
	<p>Air/Oil Intensifiers, Cable Cylinders, Caliper Disc Brakes, & Right Angle Gearboxes</p>	<p>Your Enclosure Source®</p>
	<p>Metric Cylinders ISO 6431/6432 Fittings Nickel Plated Brass Metric / Inch, Manual Valves</p>	
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	<p>Polyurethane, Nylon, & Polyethylene Tubing, Coil Tubing, Multi-bore Tubing</p>	
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	<p>NFPA Air & Hydraulic Cylinders, Air/Air & Air/Oil Boosters</p>	
	<p>V/P, E/P & I/P Transducers, Precision Regulators, Rolling Diaphragm Cylinders</p>	
	<p>Filters Regulators, Lubricators, Serv-oil Injection Lubrication</p>	

Advanced motion control and networks

EtherNet/IP™

Open industrial Ethernet network

- Interface with HMI
- Peer-to-Peer controller communication
- Interface with Sysmac Studio
- Information network (host application)



SD memory card

- Back up, restore, and verify data in the controller



Option board

Add serial communications or analog control without increasing the size

- RS-232, RS-422A/485 (Modbus-RTU: 32 nodes max.)
- Analog I/O

EtherCAT®

The fast machine network for a wide range of field and motion devices.



Machine Automation Controller NX1P



Battery-free NX1P and 1S

The NX1P requires no battery to retain user program, set values, and variables during power interruption in the built-in memory. The 1S AC Servo System comes with a battery-free absolute encoder. They reduce machine maintenance.

Advanced motion control increases machine speed and precision

The NX1P provides advanced motion control which previously would require a dedicated controller or special unit. Continuous operation by use of electronic cams improves productivity and meets diverse production needs.



1S AC Servo System



Simplicity for advanced motion control

