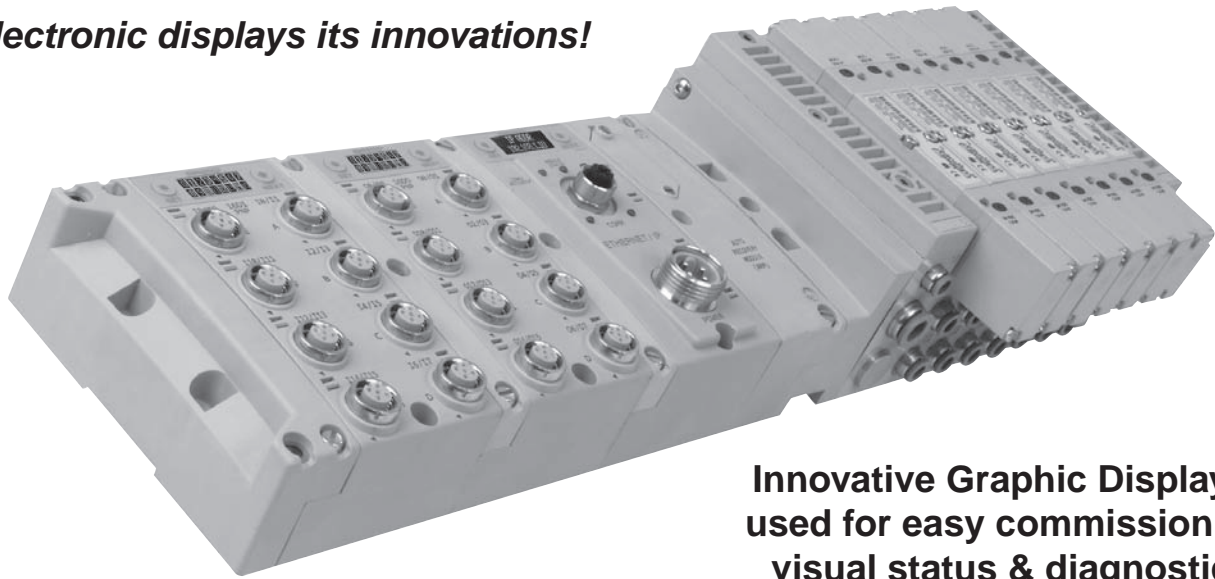


G3 Electronic displays its innovations!



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

Commissioning Capabilities

- Set network address
- 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-tests activation
- Log of network errors / distribution errors

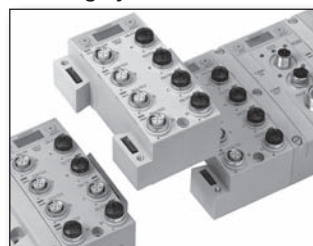
Graphic Display for configuration & diagnostics



Auto Recovery Module



Highly Distributable

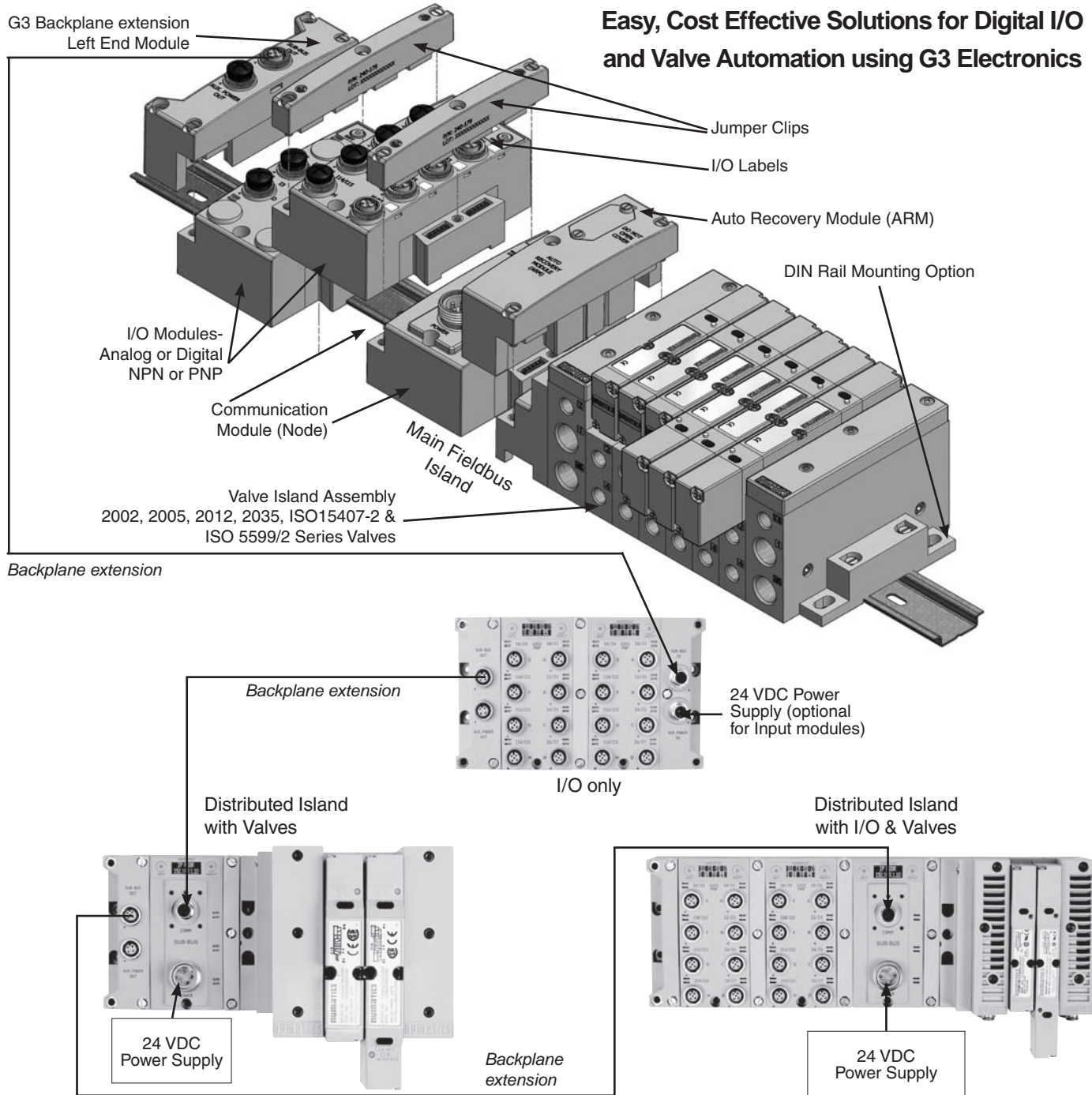


Easy, Robust Connections



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 valves with flow from 275 up to 3820 l/min ANR
- “On line” CAD files, 85 formats



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

Distribution Benefits:

- Up to 256 input / 544 output (1200 bits) capability with one communication node (or address)
- Up to 16 distributed manifolds, with max. 30 m backplane extension length
- I/O modules connectable to valve side
- Analog or digital outputs (PNP or NPN)
- Distributed plug & play design, no configuration required

Supported protocols:

- DeviceNet™
- DeviceNet™ w/Quick Connect
- Ethernet/IP™
- MODBUS TCP
- PROFIBUS DP
- PROFIBUS DP
- PROFINET
- CANopen®
- DeviceLogix
- POWERLINK

Other protocols:

- Control-Net
- AS-Interface
- Interbus-S
- Allen Bradley 1771 Remote E/S
- FIPIO

Pneumatic characteristics:

- 5/2 monostable or bistable, 5/3 and dual 3/2 spool valves
- Valve module width: 10 - 18 - 26 and 35 mm
- Versions according to ISO 01, 02 (ISO 15407-2) and ISO 1, 2, 3 (ISO 5599-2)
- Flow rates: 200 - 550 - 1200 and 3500 NI/min
- Plug-together flexibility for easy exchange of valves without pneumatic or electrical disconnection
- Lapped spool and sleeve assembly for long service life of more than **200 million cycles**
- Push-in cartridge fittings for connection flexibility
- IP65 protection
- Accessories: pressure regulator, speed control, **pressure isolation**, sandwich pressure block, mid-station air supply etc.