PNEUMATIC VALVE MANIFOLDS
Series G3 / 2000
1/8 to 1/2 (G or NPT)
or with push-in fittings Ø4 to 10 mm

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

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

All leaflets are available on: www.asconumatics.eu
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 Nl/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.

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
- PROFINET
- CANopen®
- DeviceLogix
- POWERLINK
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- DeviceNet™ w/Quick Connect
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Other protocols:
- Control-Net
- AS-Interface
- Interbus-S
- Allen Bradley 1771 Remote E/S
- FIPIO

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