

### Product Description:

The Mannesmann Rexroth Pneumatics Division fieldbus-compatible pneumatic manifold is a full featured device which allows direct control of valve solenoid coils, sensor inputs, and other generic I/O field devices through a serial communications link such as DeviceNet. This pneumatic fieldbus manifold has the added capability that it can be split into cost effective segments without incurring any additional cost associated with multiple communication nodes. Its integral I/O boxes can accommodate inputs from external proximity sensors and also drive external loads up to 2 amps @ 24VDC. One communication node can accommodate 64 inputs and 64 outputs in two branches and has diagnostic capabilities. All our decentralized pneumatic fieldbus manifold components are IP65/NEMA 4 rated, and valves flows range from 0.05 to 4.0 Dv. This eliminates the necessity for cabinets or enclosures. Cost comparisons with conventional point to point wiring methods can result in over 40% savings.

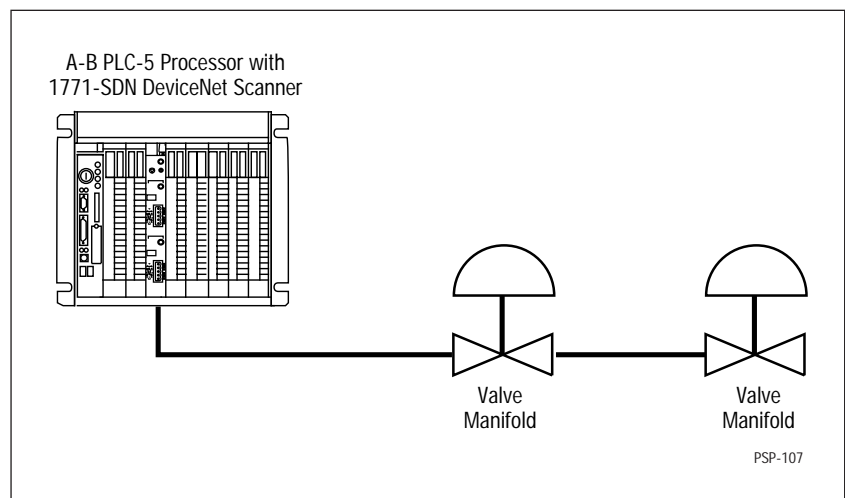
### Features:

- Decentralized structure
- No point-to-point wiring for pneumatic solenoid valves
- No point-to-point wiring for sensor inputs
- Integrated short circuit protection for I/O
- IP65/NEMA 4 rating does not require cabinet
- Modular construction for plug-on expansion of manifold ISO 5599/II compatible valves available

### Specifications:

- Comprehensive range of 5/2 and 5/3 single and double solenoid valve functions available on a single valve manifold
- Pressure rating from vacuum Po150 psi
- Modular construction, expandable to 64 inputs and/or 64 outputs
- Uses 24VDC exclusively
- DeviceNet Group 2 slave

### Connectivity Diagram



### For More Information:

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