



News Release

Festo's Small Footprint VTOC Pilot Gas Valve Manifold Ideal for Semiconductor Industry Gas Box Applications

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The VTOC valve manifold can be ordered in a wide range of configurations to accommodate gas box space limitations. Festo says these units are the highest density/smallest footprint pilot gas valve manifolds in the world.

Hauppauge, N.Y., August 6, 2013 — Festo said today its high density/small footprint VTOC pilot gas valve manifold delivers the ideal solution for space-limited semiconductor gas box applications. The VTOC valve manifold can be ordered in wide range of configurations from 2 to 24 valve positions, giving OEMs the flexibility to order a manifold best suited to available gas box real estate.

These manifolds are designed for 2 x 3/2 valves, enabling a compact 24 valve position manifold to accommodate up to 48 solenoid coils. Valve airflow is 10 normal liters (NI)/minute. An online configuration tool helps OEMs quickly select the best option for the gas box application. All units are tested and ready to install on delivery.

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VTOC options include: configurable manifold rails (pneumatic and electric connections), multi-pin plug connection with sub-D plug or flat ribbon cable, valve with non-detenting manual override, and choices of pneumatic outlets – push-in connectors, straight, or angled. Also optional are individual contacts for each coil – separate commons – and diodes to ensure the current is in only one direction. This can be used to increase safety in user circuits.

“The VTOC was designed for the OEM looking for a valve manifold with the highest density and smallest footprint possible,” said Frank Latino, product manager, valve terminals and electronics, Festo. “The VTOC does that and more through ease of ordering, wide choice of options, and ready to install tested units. It is an excellent example of the type of innovations Festo is delivering to the semiconductor industry.”

[Read about the VTOC and see the online configurator](#). For additional sales information, call Festo at 800-993-3786 and visit www.festo.com/us.

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About Festo

Festo is a leading manufacturer of pneumatic and electromechanical systems, components, and controls for process and industrial automation. For more than 40 years, Festo Corporation has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment.

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