

The new compact, low-cost VTUG pneumatic valve terminal from Festo offers flexibility in the choice of control options, including simplified field bus connectivity and many other performance benefits

News Release

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HAUPPAUGE, NY - The [VTUG](#) is designed for food, beverage, packaging, electronics, semiconductor, and light assembly industries where low cost and assured performance (high flow rate, small footprint, and long cycle life) is essential. Compact, lightweight VTUG aluminum manifold and valve housings can be mounted in cabinets, on machines, and on robotic end effectors. The VTUG valve terminal is also ideal for compact pilot valve applications when using an available dual 3/2-way function valve to accommodate from 4 to 48 solenoids.

The VTUG is ideal for the machine builder that wants to standardize on one valve terminal and offer customers control options from conventional multi-pin up to fieldbus. The original [VUVG](#) design, introduced in early 2010, has since taken off as Festo's premiere universal individual connection valve of choice. The success of this product helped influence the plug-in style VTUG. The VUVG design included the "E-Box" approach for electrical connectivity, allowing users to stock one valve body and choose from many designs to match application needs. Each E-Box uses a different electrical connector (such as Festo connectors, standard M8 connector, and other choices). Flexible design philosophy allows the user to select a desired communication preference for the VTUG valve terminal and modify it in the future.

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The VTUG valve terminal can be controlled through a multi-pin connector, one cable IO-link interface to a master controller, or through Festo's new [CTEU fieldbus module](#) to DeviceNet, EtherCAT, CANopen, Profibus, and several other protocols. Multi-pin and I/O link modules are available as spare parts to easily convert existing valve terminal configurations, ensuring flexible communications.

For more information, please contact us at 800-993-3786 and visit <http://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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