

Many functions safe under the roof of VTUX

Festo's new valve terminal VTUX combines the advantages of three classic valve terminals

Festo is now making it even easier for its users: the functions of the classic valve terminals CPV, MPA-L/S and VTUG are now available under the umbrella of the convertible valve terminal VTUX. In addition, the AP-I and AP-A communication system creates the ideal platform for digitalized production. This brings flexibility and openness - true to the motto "Open Architecture".

The successor to the three valve terminal classics CPV, MPA-L/S and VTUG impresses with its high flow rate and almost limitless modularity. The valve terminal fits almost any machine concept, whether centralized or decentralized. The valve terminal modules can be arranged as required and are compact and lightweight. They save time as well as space and weight in the machine.

Openness with AP communication technology

With AP communication technology, connections become child's play, even over long distances. This communication technology creates the prerequisites for safety designs, predictive maintenance and data exchange with the cloud in the Industrial Internet of Things (IIOT). The remote I/O system CPX-AP-A with IP65/67 protection enables real-time communication via Ethernet-based fieldbus and internal AP communication. Input and output signals - whether digital or analog - can be connected directly for any application (M8, M12, terminal strip). It offers a wide range of options for voltage supply and forwarding as well as an interface for application programming.

Plug-in connections can be adapted to the desired hose diameter. This achieves an optimum balance between space saving and supply reliability. Any number of pressure zones can also be defined. The lightweight design of the VTUX allows it to be used on the front-end unit, a gantry or robot arm. This enables short and efficient pneumatic pipes.

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VTUX

VTUX: The new valve terminal combines the advantages of three classic valve terminals (photo: Festo)

About Festo

Festo is a global player and an independent family-owned company with headquarters in Esslingen am Neckar, Germany. Festo has set standards in industrial automation technology and technical education ever since its establishment, thereby making a contribution to sustainable development of the environment, the economy and society. The company supplies pneumatic and electrical automation technology to 300,000 customers of factory and process automation in over 35 industries. Digitalization, AI and the LifeTech sector with medical technology and laboratory automation are becoming increasingly important. The products and services are available in 176 countries. With about 20,600 employees in over 250 branch offices in around 60 countries worldwide, Festo achieved a turnover of around €3.45 billion in 2024. More than 8% of this turnover is invested in research and development. In this learning company, 1.5 % of turnover is invested in basic and further training. Festo Didactic SE is a leading provider of technical education and training and offers its customers worldwide comprehensive digital and physical learning solutions in the industrial environment.