

Valve Terminals and panels for Hazardous Locations

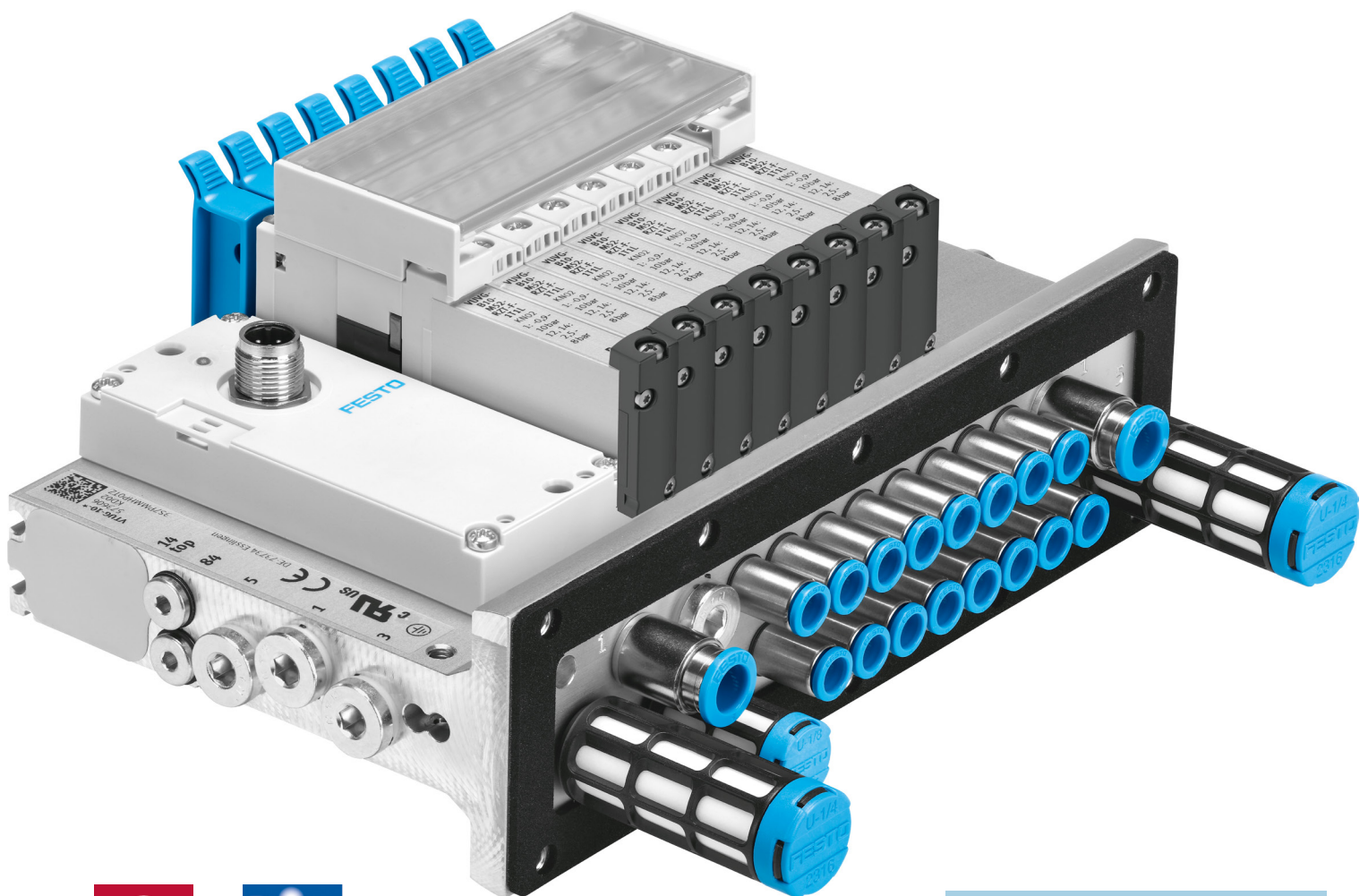
FESTO

EtherNet/IP™

IO-Link

PROFI
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Ex-Certification

- NEC500 Class I Div. 2
- NEC500 Class II Div. 2
- NEC500 Class III Div. 1/2
- IECEX Zone 2/22
- CCC-Ex Zone 2/22
- ATEX Zone 2/22

Highlights

VTUG-EX2

- Compact with high flow rates
- Fieldbuses protocols
- Multi-pin variants
- Up to 24 valve positions or 48 Solenoids
- Dual 3/2-way valves for space saving
- Available in 2 sizes
- Flexible control cabinet installation

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Easy to configure, easy to order, easy to use!

Communication via:

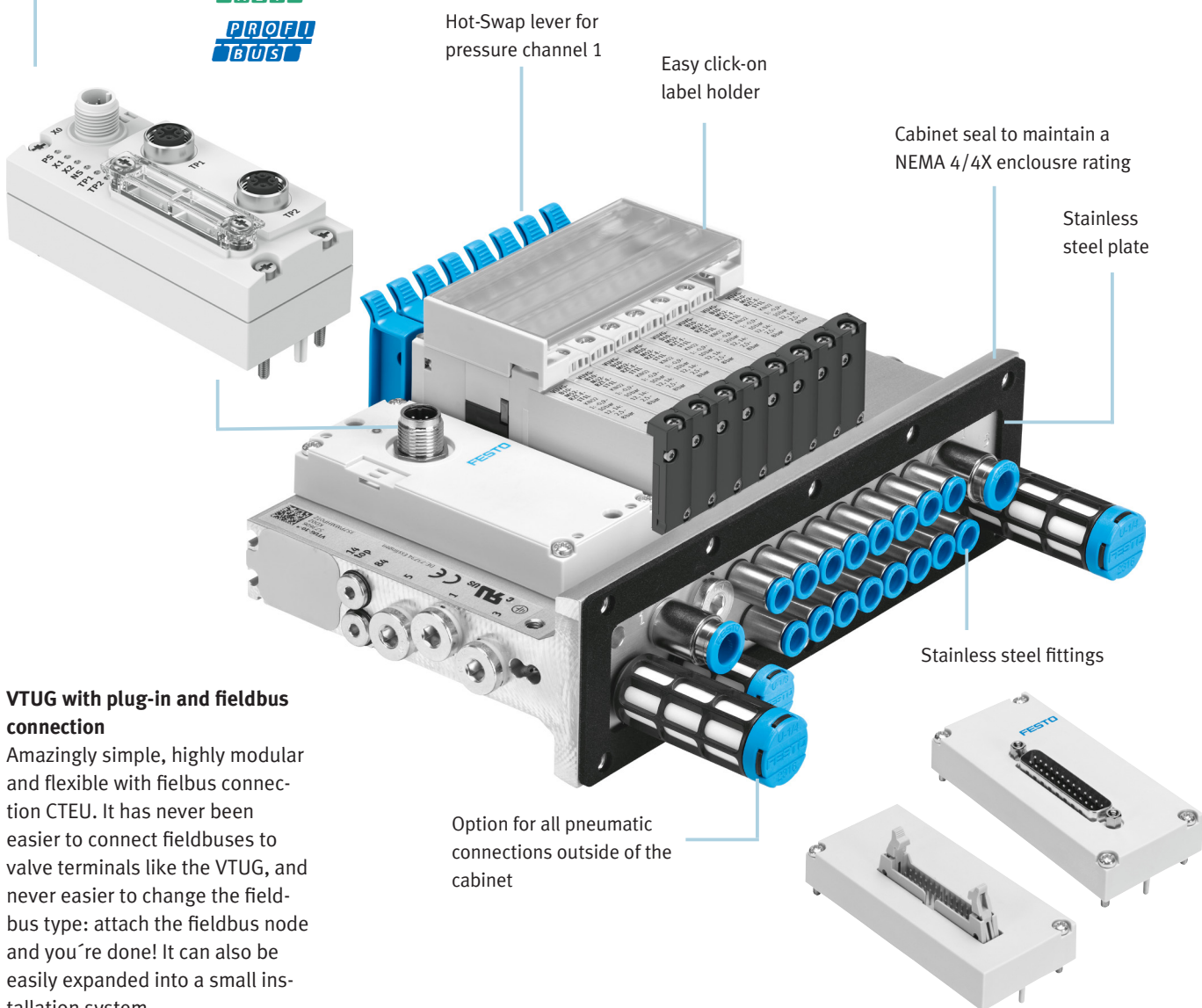
- IO-Link
- Ethernet IP
- ProfiNet
- Profibus DP

EtherNet/IP™

IO-Link

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VTUG with plug-in and fieldbus connection

Amazingly simple, highly modular and flexible with fieldbus connection CTEU. It has never been easier to connect fieldbuses to valve terminals like the VTUG, and never easier to change the fieldbus type: attach the fieldbus node and you're done! It can also be easily expanded into a small installation system.

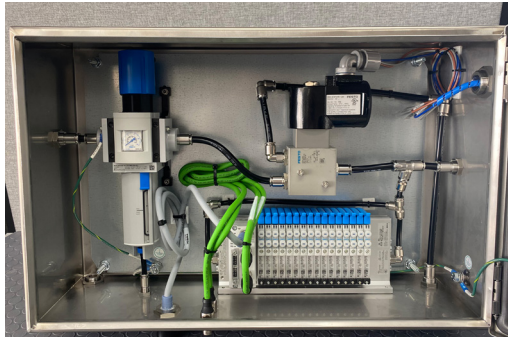
The VTUG with plug-in is also available with an IO-Link interface.

VTUG with plug-in and multi-pin plug

Simpler and easier to install with flat cable or Sub-D plug connector.

Valve function	Design	Width (mm)	Flow rate [l/min]	Pneumatic connection	Max. Valve positions/ max. Solenoid coils
5/2-way	Semi in-live valve		220	M5 (QS 3/4/6)	24/48
5/3-way	Sub-base valve	10	330	M7 (QS 4/6)	
2x 3/2-way		14	630	G1/8 (QS 4/6/8)	

Advantages of pre-configured cabinets for hazardous locations



From concept thru commissioning, Festo has the expertise & personnel, allowing you to allocate project resources for savings on total cost of ownership. This allows you to significantly shorten the individual process solution steps and save up to 50% of total costs.

Control cabinet solutions from Festo almost completely eliminate the complex working processes involved in the design/construction of a pneumatic sub-system. We construct, certify, bolt, test and deliver customized control cabinets for all your process control requirements.

Concentrate on your core business while saving time and money by as much as 50% while Festo builds your customized control cabinet.

Utilizing one order and single point of contact, you can reduce purchasing costs, optimize standardization, maintain project schedule and reduce overall project costs.

Constructing and building production facilities is highly complicated and can include many sub-contractors often working closely together. We coordinate all the stakeholders who contribute to planning and building the pneumatic control cabinets for your project, thus relieving resources for other important project needs.

VTUG with plug-in in control cabinets

A wide range of functions and details, such as pneumatic connections underneath, make the VTUG particularly suitable as a low-cost valve terminal for installation in control cabinets. The VTUG with plug-ins for multipin or fieldbus protocols allow for first-in-class Class 1 Div. 2 certification for your hazardous environment.

We also deliver ready-to-install control cabinets directly to the shop floor to save you time, money and installation effort.

Additional benefits include:

- If your automation solution has pre-designed cabinets or requires a custom solution, we have the personnel & fabrication facilities to meet all your project needs.
- Whether you need one or several hundred control cabinets, Festo has the resources and locations to provide a complete solution to meet your project schedule requirements.
- Our expertise in control panel design & 3D modeling provides an optimized control panel solution.

Your partner in automation



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