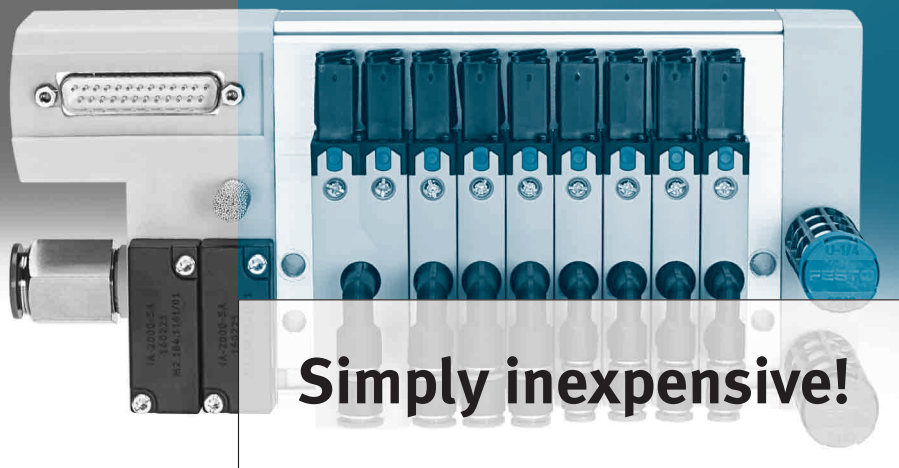


Valve terminal VB12

FESTO



Flexible, universal, economical: the VB12 valve terminal!

The robust and durable VB12 is distinguished by unbeatable value for the money. New: CTEU bus node for simple, direct and inexpensive networking.

Economical

Quick and safe installation thanks to QS push-in fittings. Available as completely assembled and inspected units. In addition: Just one screw is needed to fit the valve to the manifold rail.

Flexible

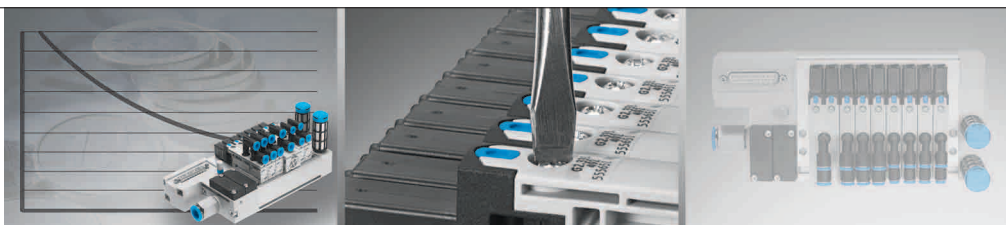
From single components right on up to preassembled, tested valve terminals, the VB12 provides you with maximised leeway for implementing individualised configurations. For a broad range of uses and more flexibility in planning, assembly and operation of universal and conventional applications.

Light weight

The polymer housing and the weight optimised metal manifold rail guarantee a marked reduction in weight. Furthermore, it requires a minimum of space.

CTEU – inexpensive networking

The inexpensive solution for the most common fieldbus technologies: CTEU. As a more intelligent alternative to multi-pin solutions, CTEU helps to reduce the number of I/Os, and minimise wiring time – including low costs and time savings for installation and engineering.



Attractive price

Quick to install!

Light weight!

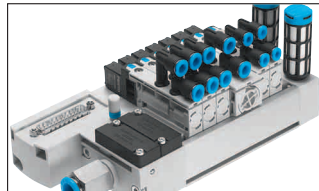
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Product Short Information

Valve terminal VB12

The VB12. Impressive - not only because of its overall benefits:

- Outstanding price/performance ratio
- Thanks to a single screw, valves can be mounted and secured on the metal manifold rail quickly and safely
- Fittings that are quick and easy to replace
- Pneumatic distributor integrated in the valve terminal
- Manifold rails for up to 35 valve positions
- Quick troubleshooting with LED signal status display
- Sturdy valve terminal wall mounting.
- QS push-in fittings integrated in the valve housing for the simple and safe connection of pneumatic tubing
- Flexible design: assembled and inspected units or individual

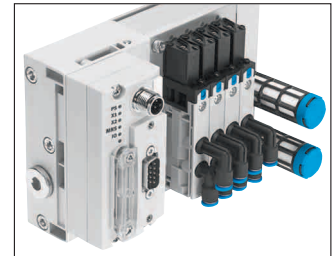


components forming a modular product for individual configurations

- Universally applicable polymer valve series with a durable and well-proven valve system

Advantages of the CTEU bus module:

- Simple and direct networking of valve terminals
- Very simple installation, wiring and commissioning
- Inexpensive in the procurement, installation and commissioning phases
- Optional: basic diagnostics for reduced downtime
- CTEU in IP65/IP67



Technical data VB12	
Valve function	3/2 N.C.; 3/2 N.O.; 5/2 monostable; 5/2 impulse (2 valve positions)
Design	Poppet valve
Actuation type	Electrical
Type of actuation	Pilot actuated
Supply port	G1/4
Flow rate	400 l/min
Tubing connectors	QS4 and QS6 straight or angled
Operating pressure range	2.8 to 8 bar
Temperature range	-5 to + 60 °C
Operating voltage	24 V DC
Power consumption	1 W
Electrical connection	
- Multi-pin plug	Sub-D 25 and 44 pin
No. of valve positions	2 ... 35
Protection class	IP 65
Switching time on/off	6/14 ms
Valve width:	12 mm

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