

Valve series VS: VUVS/VUWS/VTUS

FESTO



The robust valve

Highlights

- High flow rates
- Suitable for a broad range of applications
- Comprehensive accessories, e.g. compressed air supply manifold secured on one side
- External pilot air supply via manifold rail
- Protection classes IP65 and IP67
- Easy to create pressure zones

VS – flexible, modern, robust and durable quality. Without limiting the performance data: for up to 100% more flow with higher energy density. Proven technologies and materials. Comprehensive range of accessories. Numerous mounting options and easy operation. That is what today's valves should be!

Harsh environment? No problem!

Select one of our universal piston spool valves for routine tasks. The comprehensive range of accessories includes large connector fittings and metal tubing.

Pre-assembled or on the manifold rail according to customer configuration

VUVS/VUWS are also available as pre-assembled units with silencers, fittings and coils as ready-to-install individual valves. With VTUS, valve manifolds can be configured to the customer's requirements

Simple, cost-effective warehousing

Order pre-assembled or assemble it yourself: the proven hollow armature interface helps you to reduce the need to maintain stocks of complete components; it also allows you to determine the appropriate voltage yourself and makes mounting the coil easy.





VUVS-...-S with specific features

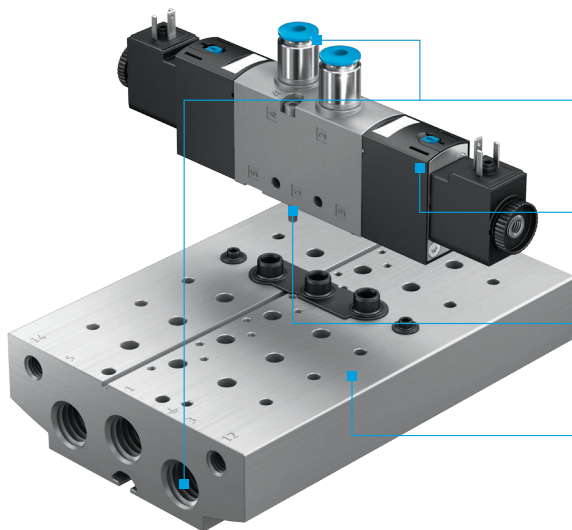
The new valve VUVS-...-S offers specific features in proven Festo quality at an extremely attractive price. As part of the core product range, it is available worldwide from stock in large quantities and ready for dispatch in 24 hours!

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Valve series in detail

The product series: VUVS: choose and combine

| Solenoid valve | | VUVS-...-S | | | VUVS-... | | Valve manifold VTUS | | Pneumatic valve VUWS-... | | | |
|--|-----------|---|----------------------|------|---|---------------------------|--|-----------------|---|----------------------------|--|--|
| | |  | | |  | |  | |  | | | |
| | | Focused features – Festo quality – attractive price | | | | | | | | | | |
| Technical data | | | | | | | | | | | | |
| Part of the core product range Our recommendation: Look for the star | | ★ | | | | | | | | | | |
| Valve width [mm] | | 20 | 25 | 30 | 20 | 25 | 30 | 20 | 25 | 30 | | |
| Valve function | | 3/2, 5/2 | | | 5/2, 5/3, 3/2 | | | | | | | |
| Flow rate [l/min] | | 550 | 1000 | 1600 | 700 | 1200 | 2000 | 700 | 1200 | 2000 | | |
| Connections | Pneumatic | G1/8 | G1/4 | G3/8 | G1/8, NPT1/8 | G1/4, NPT1/4 | G3/8, NPT1/8, NPT3/8 | G1/8, NPT1/8 | G1/4, NPT1/4 | G3/8, NPT1/8, NPT3/8 | | |
| | Electric | Type C EN 175301 | Type B2 EN 175301 | | Type C EN 175301 | Type C or B2 EN 175301 | Type C or B2 EN 175301 | – | | | | |
| Pressure range [bar] | | 2 ... 8 | | | 0 ... 10 2.5 ... 10 for pilot actuated valves (internal pilot air) | | | | | | | |
| Temperature range [°C] | | –5 ... +50 | | | –10 ... +60 | | | | | | | |
| Voltage [V DC] | | 24 | | | 12, 24, 48 | | | | – | | | |
| Voltage [V AC] | | – | | | 24, 48, 110/120, 230/240 | | | | – | | | |
| Degree of protection | | IP65 | | | IP65, IP67 | | | | | | | |



Diverse range of accessories for quick, clean mounting of the individual valve VUVS, e.g. via mounting brackets or mounting plates.



Pneumatic fittings suitable for metal tubes, providing protection against mechanical damage, even at higher ambient temperatures



Cap for changing manual override to "pushing, non-detenting" or "covered"



Captive screws prevent damage or loss during valve changes



Valve can be quickly attached to the manifold rail with just 2 screws. The manifold rail can be extended by two positions at a time

★ **Festo core product range**
covers 80% of your
automation tasks

Worldwide: always in stock

Superb: Festo quality at an attractive price

Easy: just a few clicks to place an order online

Fast: generally ready for dispatch from the Festo factory in 24 hours

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