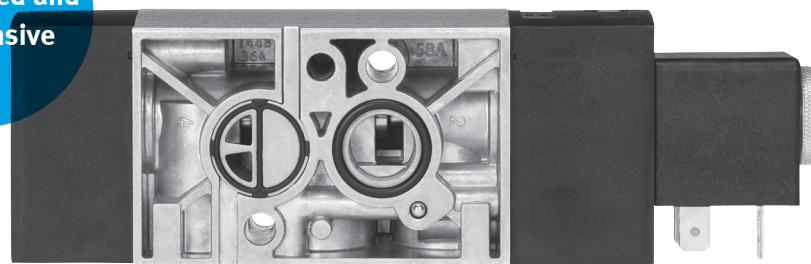


Standard NAMUR valve VSNC

FESTO

EX-certified and
inexpensive



The new NAMUR generation

Highlights

- Rotatable seal for 3/2- or 5/2-way function
- Wide choice of EX solenoid systems
- Robust and capable of high flow rates
- Suitable for a broad range of applications
- Extended temperature range
- Excellent price/performance ratio
- Poppet valve principle

The standard NAMUR valve VSNC is certified worldwide in accordance with the usual explosion-protection standards and can be used in many industry segments and applications. Its distinguishing features are a modern design, durable quality and fully tested technology and materials. The product also offers a very attractive price/performance ratio. This is what modern NAMUR valves should be!

Single- or double-acting?

No matter whether you are using a single- or double-acting actuator, VSNC offers you the right solution with just one valve. All you have to do is turn the seal at the NAMUR interface – and a 3/2-way valve becomes a 5/2-way valve.

Explosive environment?

No problem!

The VSNC product range includes IEC EX-certified solenoid systems for zones 1 and 2, CL I variants and Div. I solenoid systems in accordance with NEC 500.

Simple low-cost component management

Order pre-assembled or assemble it yourself: as a proven interface, the hollow armature tube reduces your need to maintain stocks of components. You can determine the appropriate coil voltage yourself and mount the coil.

Standard NAMUR valve VSNC

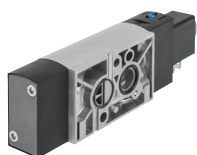
In contrast to the discrete processes associated with factory automation, process automation involves continuous processes. Most of these involve mixing or fermenting liquids, bulk materials, gases, etc. Process valves control the flow of these. The valves consist of the following components:

- Main valve (e.g. butterfly valve VZAB)
- Quarter turn actuator (e.g. DFPB)
- Sensor box to indicate the switching position (e.g. DAPZ)
- Pilot valve VSNC for pneumatically triggering the actuator



Versatile, inexpensive, safe: an overview of the valve range

Standard VSNC-... F8



Standard valve IP 65
Cost efficient

VSNC-... FN



Zone 1
Intrinsically safe
Ex ia



Zone 1
Encapsulated
Ex m



Zone 2
Non-sparking
Ex na



Class I; Div I
Encapsulated
AEx m

NAMUR interface: Ideal for ...

... use with process valves in many industry segments and applications.

For example:

- Chemical industry
- Biotech/pharma
- Water/wastewater
- Food Processing

| Technical data | |
|--------------------------------|--------------------------------|
| Design | Spool valve/Poppet valve |
| Valve function single solenoid | 5/2- or 3/2-way, selectable |
| Valve function double solenoid | 5/2- or 5/3-way (b, e, g) |
| Pneumatic ports 1, 3, 5 | G 1/4, NPT 1/4 |
| Pneumatic ports 2, 4 | VDI/VDE 3845 (NAMUR) |
| Type of return | Mechanical spring |
| Manual override | Detenting, non-detenting, none |
| Temperature range | -20 ... +60 °C |
| Operating pressure | 2.5 ... 10 bar |