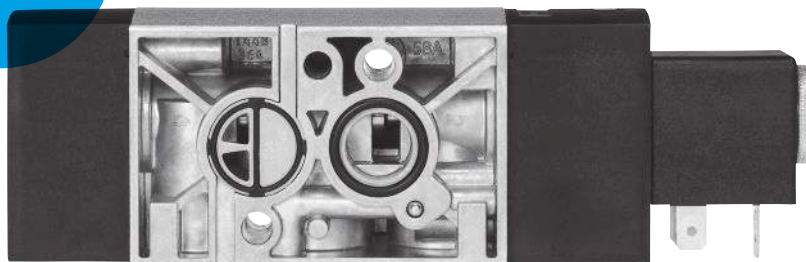


Standard NAMUR valve VSNC

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
- CNOMO interface to ISO 15218
- Robust and capable of high flow rates
- Extended temperature range
- Excellent price/performance ratio
- Piston slide and 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.

Choice of actuation options

The flexible interface of the VSNC means you can use solenoids with cable connectors or terminal boxes. If you want to connect electropneumatic pilot valves, use the CNOMO interface.

Explosive environment?

Not a problem!

The VSNC range includes IEC Ex-certified solenoid systems for zones 1/21 and 2/22, Class I/II/III Division 1 solenoid systems to NEC 500 as well as solenoid systems with local certification to INMETRO, CCC-Ex and Kosha.

Standard NAMUR valve VSNC

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

Standard VSNC-... F8



Standard valve IP 65
Cost efficient

VSNC-... FN



Zone 1/21
Intrinsically safe
Ex ia



Zone 1/21
Encapsulated
Ex m



Zone 2/22
Non-sparking
Ex na



Class I; Div I
Encapsulated
AEx m

VSNC-... F19A/VSNC-... F19



Zone 1/21
Intrinsically safe
Ex ia



Zone 1/21
Encapsulated with
increased safety
Ex me

VSNC-... P2 (CNOMO to ISO 15218)



Zone 1/21
Intrinsically safe
Ex ia



Zone 1/21
Flameproof enclosure
Ex d

An extensive range of accessories for the NAMUR interface for even more alternatives



VABF-B14-... single-/
double-acting throttle
plates



VABS-B14-... 90°, 180°,
270° turning plates



VABA-B14-... 1/2" to 1/4"
reducing plate



VABS-B14-... converter
plate to inline



VABD-B14-... pneumatic
actuation for CNOMO

Technical data VSNC

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 [°C]	-20 ... +60
Operating pressure [bar]	2.5 ... 10

Special technical features

F8	Piston slide valve technology
	Cable connector to DIN EN 175-803, type A & B
FN	Piston slide and poppet valve technology
	Applications in explosive atmospheres or in intrinsically safe circuits with a cable connector as the connection type
F19A/F19	Poppet valve technology (except for 5/3-way function)
	Applications in explosive atmospheres (F19) or in intrinsically safe circuits (F19A) with a terminal box
P2	Poppet valve technology (except for 5/3-way function)
	CNOMO interface to ISO 15218 for pneumatic or electropneumatic valve actuation