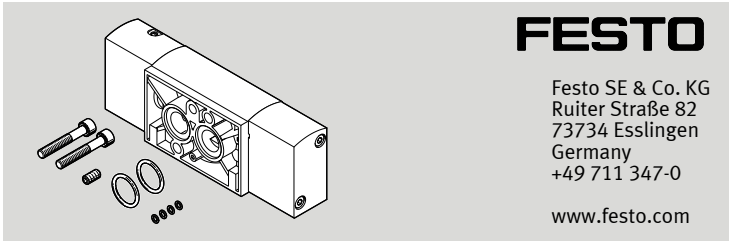


VSNC-F...-M52/-B52/-P53...-P2
Solenoid valve



Assembly instructions

8149698
2021-01
[8149700]



Translation of the original instructions

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1 Applicable Documents

All available documents for the product → www.festo.com/sp.

2 Safety

2.1 Safety instructions

- Before working on the product, switch off the power supply and secure it against being switched on again.

2.2 Intended use

The solenoid valve is intended for mounting on a drive with a NAMUR plug pattern in accordance with VDI/VDE 3845 Sheet 1:2010-09.

3 Additional information

- Accessories → www.festo.com/catalogue.

4 Product overview

4.1 Included in scope of delivery

VSNC-F...-M52...-P2

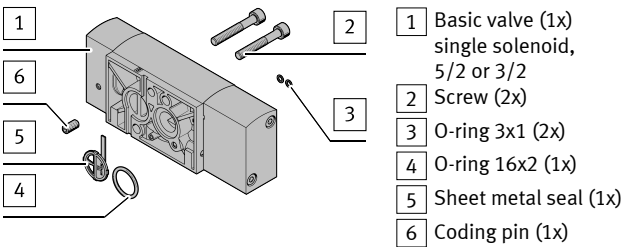


Fig. 1 VSNC-F...-M52...-P2

VSNC-F...-B52...-P2

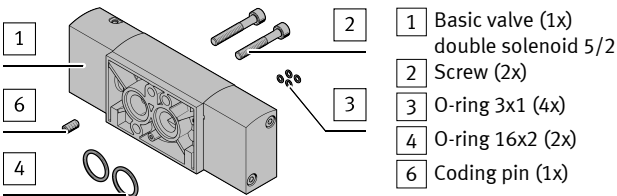


Fig. 2 VSNC-F...-B52...-P2

VSNC-F...-P53...-P2

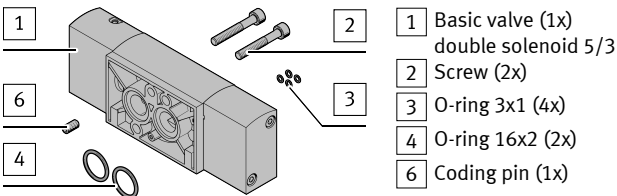


Fig. 3 VSNC-F...-P53...-P2

4.2 Not in scope of delivery

Pilot valve

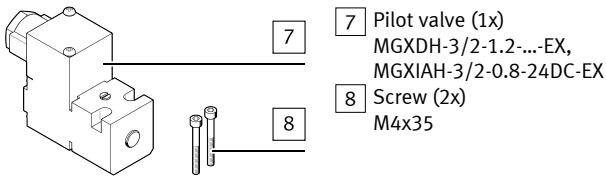


Fig. 4

Connector

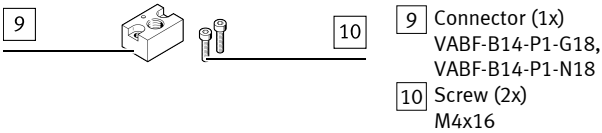


Fig. 5

5 Preassembly

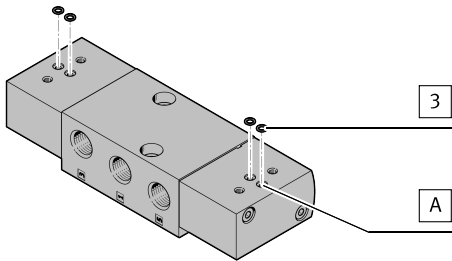


Fig. 6

- Press O-rings 3 into the recesses [A].

5.1 With electrical control

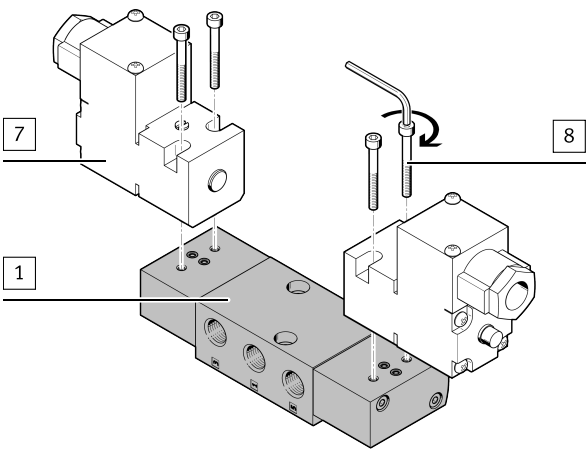


Fig. 7

- Place pilot valves 7 on the basic valve 1.
- Tighten screws 8. Tightening torque: 1.4 Nm ± 10%

5.2 With pneumatic control

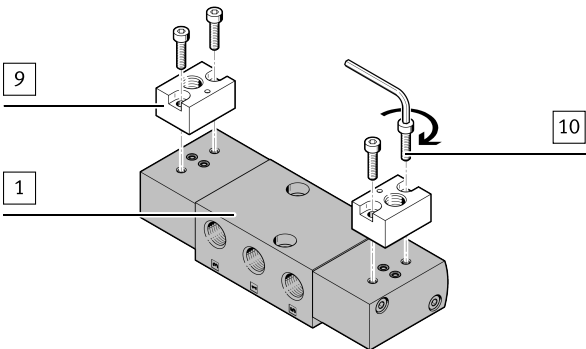


Fig. 8

- Place the connectors 9 on the basic valve 1.
- Tighten screws 10. Tightening torque: 1.4 Nm ± 10%

6 Assembly

Requirement for outdoor application:
Protection against sealing of exhaust ducts 3/5 e.g. by frozen condensate or nest-
ing insects.

1. Take on-site environmental conditions into account.
2. Take suitable protective measures. For example:
 - Use exhaust protection VABD-D3-SN-G14.
 - Duct exhaust air.

i

The orientation of the basic valve **1** depends on the position of the coding pin **6**. The position of the coding pin **6** determines the direction of movement at the drive.

6.1 VSNC-F...-M52-...-P2

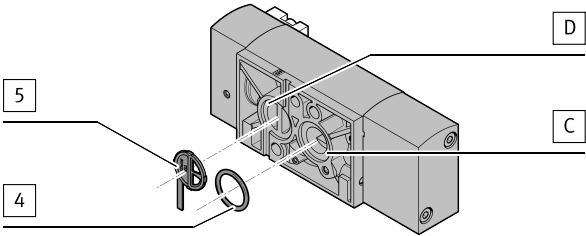


Fig. 9 Valve function 5/2

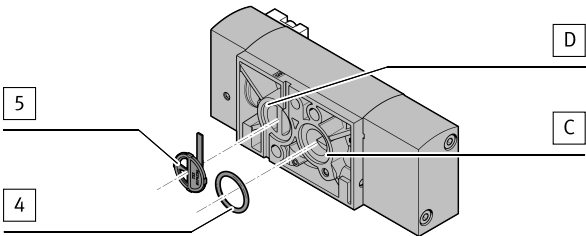


Fig. 10 Valve function 3/2

1. Press O-ring **4** into the recess **C**.
2. Orient the sheet metal seal **5** in accordance with the desired valve function.
3. Press sheet metal seal **5** into the recess **D**.

6.2 VSNC-F...-B52/-P53...-P2

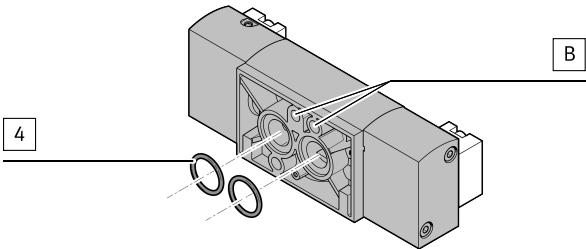


Fig. 11

- Press O-rings **4** into the recesses **B**.

6.3 Mounting on the drive

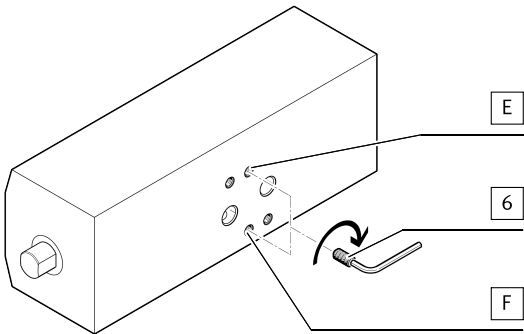


Fig. 12

1. Position coding pin **6** on the thread **E**/**F** in accordance with the desired direction of movement.
2. Screw coding pin **6** into the thread **E**/**F** to the stop.

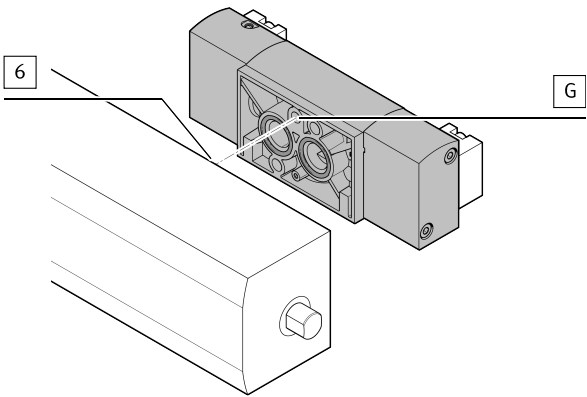


Fig. 13

- Place coding recess **G** on the coding pin **6**.

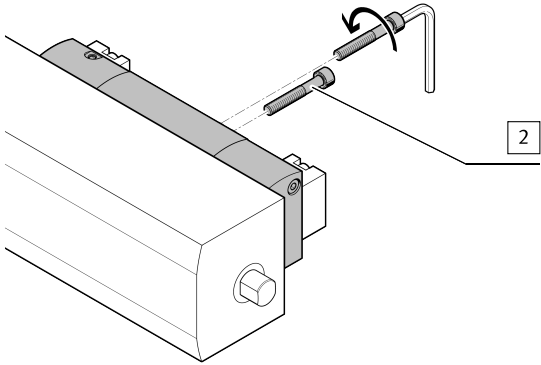


Fig. 14

- Tighten screws **2**. Tightening torque: 3.5 Nm ± 20%

7 Circuit diagrams

VSNC-F...-...-P2	
-M52- (single solenoid 5/2)	-M52- (single solenoid 3/2)
-B52-	-P53C-
-P53E-	-P53U-

Tab. 1