VSNC-FK(A)-M...-RD-G18

Solenoid valve

FESTO

Assembly instructions

8151262

Translation of the original instructions

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.
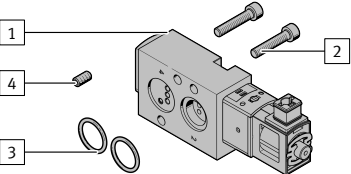
2.2 Intended use

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

– Contact the regional Festo contact if you have technical problems ➜ www.festo.com.
– Accessories and spare parts ➜ www.festo.com/catalogue.

4 Scope of delivery

1	Solenoid valve (1x) single solenoid; 5/2 or 3/2
2	Screw (2x)
3	O-ring (2x)
4	Coding pin (1x)

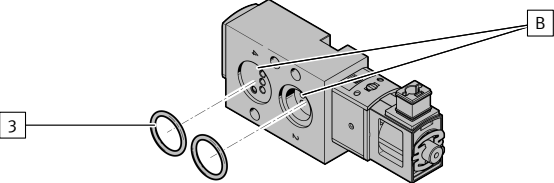Fig.1

5 Preassembly

Fig.2

• Press the O-rings ③ into the recesses [B].

6 Assembly

6.1 Requirement for outdoor application

Protection against closure of 3/5 exhaust ducts, e.g. by frozen condensate or nesting 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.

• Set manual override to unactuated prior to mounting.

Manual override		
unactuated		actuated

6.2 Assembly of the solenoid valve

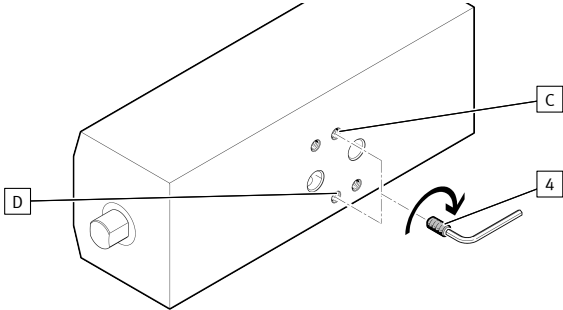ℹ The position of the coding pin ④ determines the direction of movement at the drive.

Fig.3

1. Position the coding pin ④ on the thread [C]/[D] in accordance with the desired direction of movement.
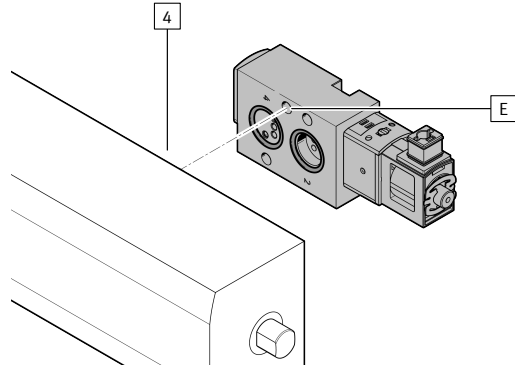2. Screw the coding pin ④ into the thread [C]/[D] to the stop.

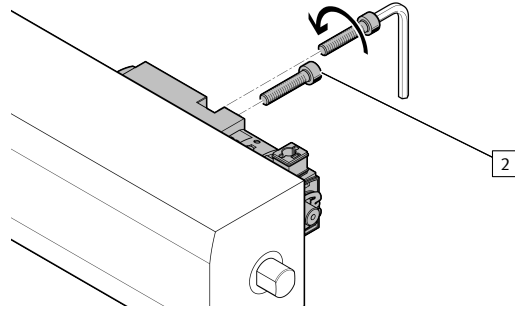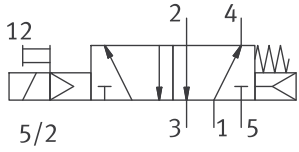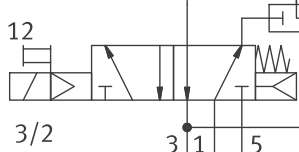Fig.4

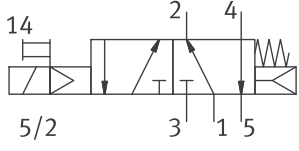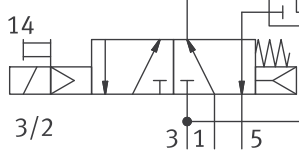• Place the coding recess [E] on the coding pin ④.

Fig.5

• Tighten the screws ②. Tightening torque: 4.2 Nm ± 20%

7 Circuit diagrams

VSNC-...-M...-RD-G18

-FK (single solenoid 5/2)	-FK (single solenoid 3/2)
-FKA (single solenoid 5/2)	-FKA (single solenoid 3/2)

Tab. 1: Circuit diagrams