

VMPA...-B8-R...
 Regulator plate



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Assembly instructions

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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**

- Only use the product in its original condition without unauthorised modifications.
- Only use the product if it is in perfect technical condition.
- Before working on the product, switch off the compressed air supply and lock it to prevent it from being switched on again.

2.2 **Intended use**

The regulator plate regulates the operating pressure or working pressure of the solenoid valves.

2.3 **Training of qualified personnel**

Work on the product may only be carried out by qualified personnel who can evaluate the work and detect dangers. The qualified personnel have knowledge and experience in pneumatics.

3 **Additional information**

- Contact the regional Festo contact if you have technical problems → www.festo.com.

4 **Product Range Overview**

4.1 **Scope of delivery**

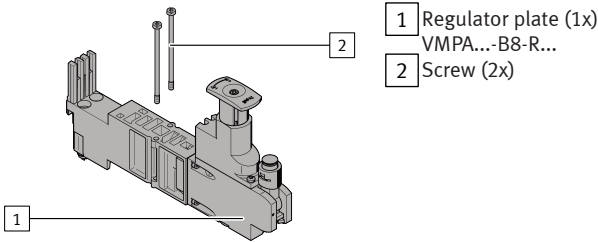


Fig.1

4.2 **Not in scope of delivery**

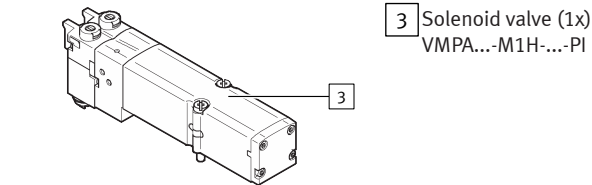


Fig.2

5 **Assembly**

5.1 **Preparation for VMPA1-B8-R... and VMPA14-B8-R...**

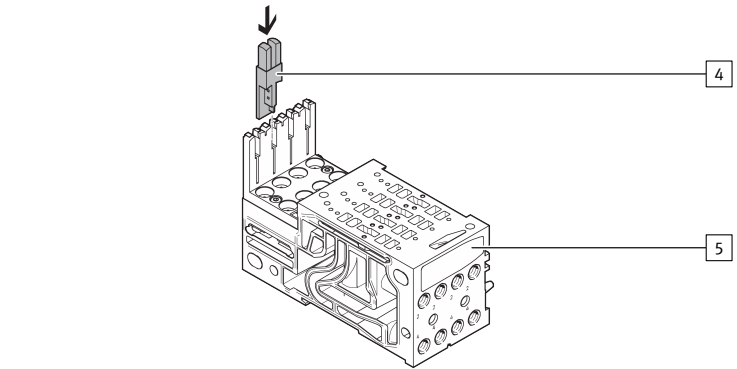


Fig.3

- Push the fibre optic cable extension 4 onto the electronics module 5.

5.2 **Assembly**

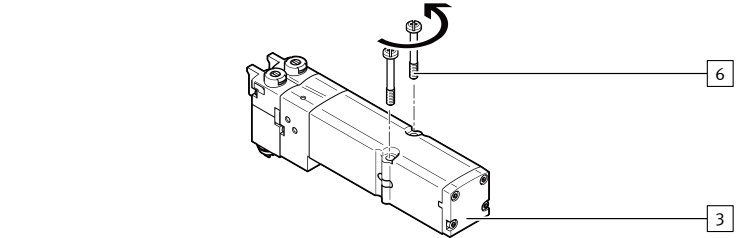


Fig.4

- Unscrew the captive screws 6 of the solenoid valve 3.

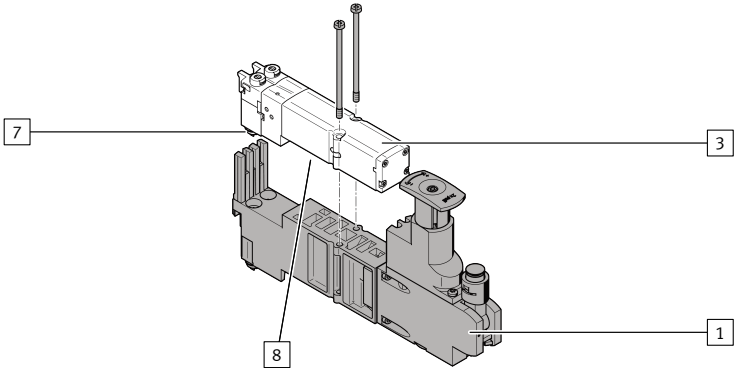


Fig.5

1. Check that the conical ring seal 7 is positioned correctly.
↳ The tapered side is at the bottom
2. Check that the seal 8 is positioned correctly.
↳ The seal is in the slot of the solenoid valve 3
3. Place the solenoid valve 3 on the regulator plate 1.

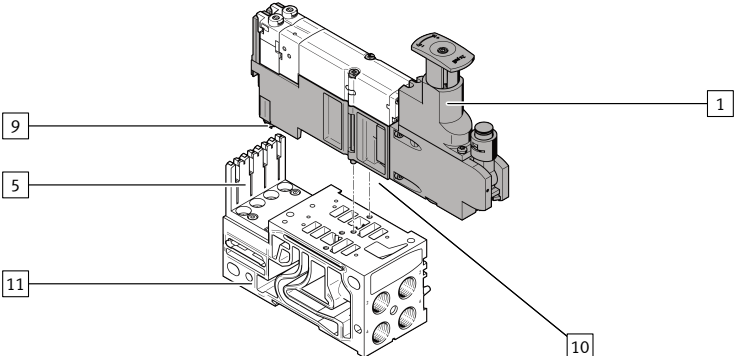


Fig.6

1. Check that the conical ring seal 9 is positioned correctly.
↳ The tapered side is at the bottom
2. Check that the seal 10 is positioned correctly.
↳ The seal is in the slot of the regulator plate 1
3. Place the regulator plate 1 on the electronics module 11.

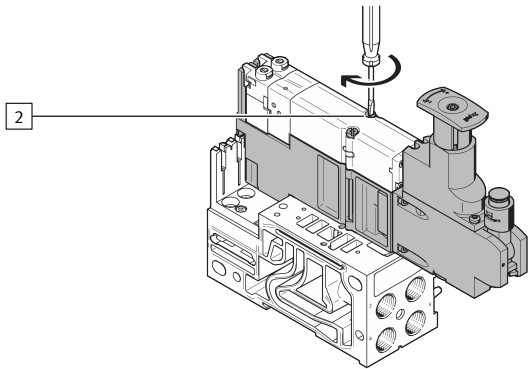


Fig.7

- Tighten the screws 2. Observe the tightening torque.

Solenoid valve	Screw	Tightening torque
VMPA1-M1H-...U-PI	M2x40	0.25 Nm ± 10 %
VMPA1-M1H-...-PI	M2x43	0.25 Nm ± 10 %
VMPA14-M1H-...-PI	M2.5x45	0.65 Nm ± 10 %
VMPA2-M1H-...-PI	M3x57.5	0.65 Nm ± 10 %