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Operating instructions Solenoid valve VGP 20–25: Replacing guide tube



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Safety

Please read and keep in a safe place



Please read through these instructions carefully before installing or operating. Following the installation, pass the instructions on to the operator. This unit must be installed and commissioned in accordance with the regulations and standards in force. These instructions can also be found at www.docuthek.com.

Explanation of symbols

•, **1**, **2**, **3**... = Action
> = Instruction

Liability

We will not be held liable for damage resulting from non-observance of the instructions and non-compliant use.

Safety instructions

Information that is relevant for safety is indicated in the instructions as follows:

DANGER

Indicates potentially fatal situations.

WARNING

Indicates possible danger to life and limb.

! CAUTION

Indicates possible material damage.

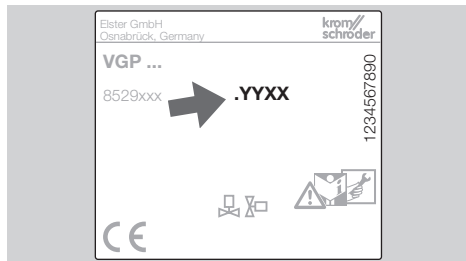
All interventions may only be carried out by qualified gas technicians. Electrical interventions may only be carried out by qualified electricians.

Conversion, spare parts

All technical changes are prohibited. Only use OEM spare parts.

Check whether the valve is affected

Whether the valve is affected by the replacement of the guide tube depends on its date of manufacture, see type label.



YY = Year of manufacture, XX = Production week
All valves VGP 20–25 with the following date of manufacture are affected: week 47 of 2014 to week 26 of 2018 (.1447 to .1826).

Checking the usage

Intended use

These instructions describe the replacement of the guide tube.

Preparing the replacement

Make a note of the serial number of the affected valve on your feedback form, see description on page 3 (Feedback form).

Correct functioning of these valves is only guaranteed when used within the limits specified in the section entitled “Technical data” in the operating instructions of the valve to be converted. Any other use is considered as non-compliant.

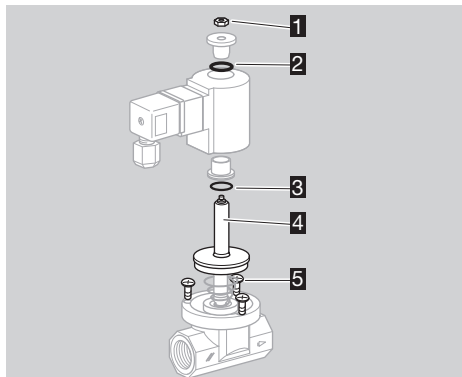
All other information regarding commissioning, technical data, maintenance, etc. can be found in the corresponding operating instructions of the valve to be converted

or

see www.docuthek.com -> Home -> Thermal Solutions -> Products -> 03 Valves and butterfly valves -> Solenoid valves for gas VGP.

Scope of delivery

Guide tube VGP 20 – 25/B, Order No. 74921878



- 1 Hex nut
- 2 19 x 2.5 O-ring
- 3 21 x 1.5 O-ring
- 4 Guide tube
- 5 50 x 2 O-ring

▷ Other spare parts can be found using PartDetective -> www.adlatus.org

⚠ WARNING

Attention! Please observe the following to ensure that no damage occurs:

- Electric shocks can be fatal! Before working on possible live components, ensure the unit is disconnected from the power supply.
- The solenoid actuator heats up during operation. Surface temperature approx. 85°C (approx. 185°F).



Replacing the guide tube

The function animation for “Replacing the guide tube” can be found under the following link:

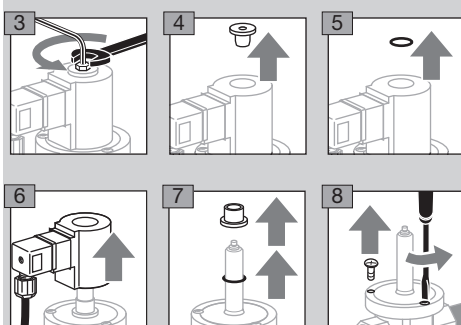
www.docuthek.com -> Home -> Thermal Solutions -> Products -> 03 Valves and butterfly valves -> Solenoid valves for gas VGP -> VGP 20-25.



- 1 Disconnect the system from the electrical power supply.
- 2 Shut off the gas supply.

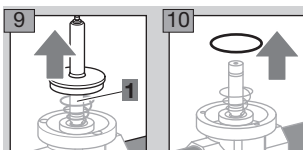
⚠ WARNING

Risk of injury! The valve is pressurized.



! CAUTION

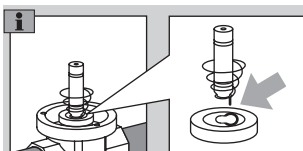
Secure the iron core 1 against falling if the VGP is installed in a horizontal position.



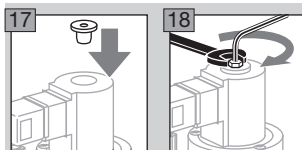
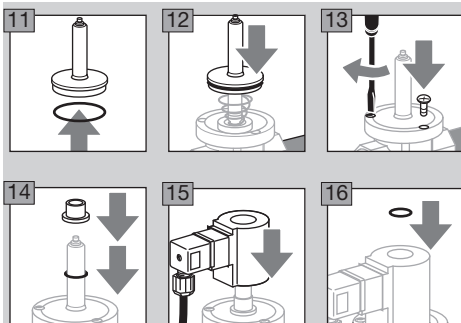
! CAUTION

Please observe the following to ensure that the VGP is not damaged during subsequent operation:

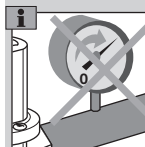
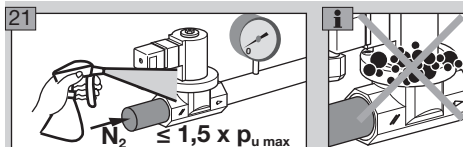
- Install the closing spring in the correct position. Ensure that the catch of the closing spring is positioned in the opening of the valve disc.



- ▷ Ensure that the replacement parts included in the delivery are on hand.



- ▷ Ensure that the solenoid valve is closed.
- 19 Open the pipeline again and release the gas supply.
- 20 To be able to check the tightness, shut off the downstream pipeline as close as possible to the valve.



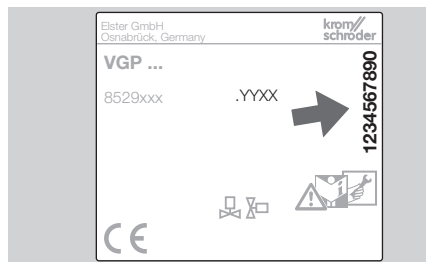
- 22 Tightness OK: the unit is ready for operation.

Feedback form

- ▷ For technical evaluation, it is important to obtain information about the affected valve. Please help us by taking a little time to insert crosses against the relevant sections on the feedback form. Thank you!
- ▷ Please send the completed feedback form to vgpRetrofit@honeywell.com.

Serial number

- ▷ Make a note of the serial number of the type label on your feedback form, see page 4 (Feedback form).



Address

Insert your customer address so that we can assign the serial numbers to your customer master data.

Feedback form

Serial numbers of the valves with replaced guide tube:

Valve 1	Valve 4	Valve 7	Valve 10
Valve 2	Valve 5	Valve 8	
Valve 3	Valve 6	Valve 9	

Serial numbers of the valves which are to be sent back for repair:

Valve 1	Valve 4	Valve 7	Valve 10
Valve 2	Valve 5	Valve 8	
Valve 3	Valve 6	Valve 9	

Address:

Company	
Country	
Name of contact person	
Contact person's e-mail address	

Please send the completed feedback form to **vgpRetrofit@honeywell.com**
or fax it to +49 541 1214-547

Returns

Please send removed valves to the following address

Americas

Eclipse Inc.
Rep.-Management
valVario Project
1665 Elmwood Rd
Rockford, IL 61103
USA

Asia-Pacific

Eclipse Combustion Equipment Co Ltd.
Rep.-Management
valVario Project
Bldg. 3-1, 136 Yinsheng Road
Shengpu, SIP
215126 Suzhou, Jiangsu
China

Europe/Middle East/Africa

Elster GmbH
Rep.-Management
valVario Project
Strotheweg 1
49504 Lotte
Germany

If it is not possible to return the goods, please contact vgpRetrofit@honeywell.com

Contact

If you have any technical questions, please contact your local branch office/agent. The addresses are available on the Internet or from Elster GmbH.

We reserve the right to make technical modifications in the interests of progress.

Honeywell

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