

PHV-08

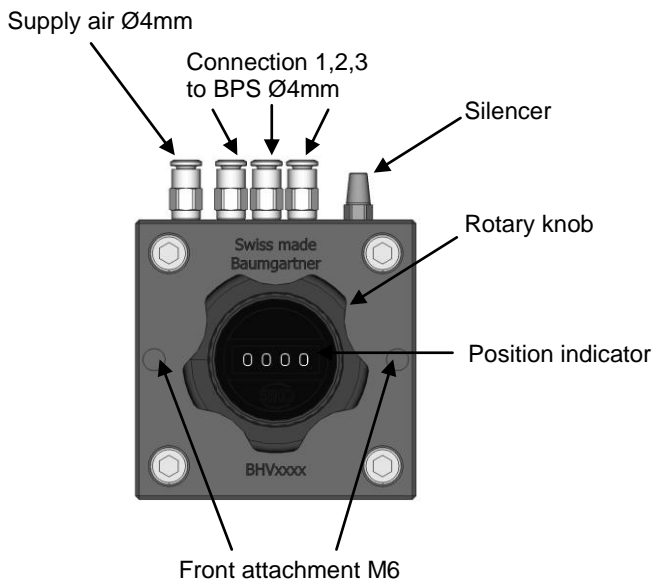
Pneumatic manual valve



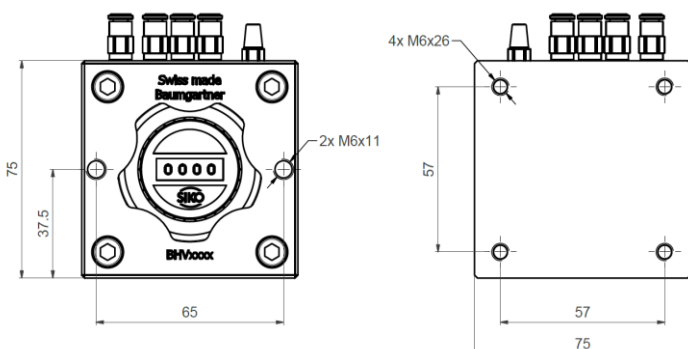
Introduction

The pneumatic manual valve PHV-08 was specially developed for the pneumatic stepper motor of the BPS. This mechanical stepper motor allows the manual control of the BPS stepper motor without any electricity. The rotary star knob has an integrated position indicator and allows the adjustment in a harsh working environment.

Technical data



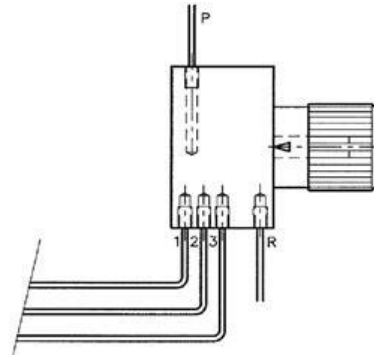
Installation dimension



Function

By turning the rotary knob of the PHV-08 to the right/left the BPS stepper motor will do a step of exactly 3°.

This means that the three pneumatic connections 1, 2 and 3 are switched in succession by the rotary movement and work in a 3/2 function. This is always an output of the pneumatic connections in the NO position and two outputs in the NC position.



The number of the steps made, will be shown on the position indicator. This allows a reproducibility of all approached positions without electronic control or sensors! Therefore, no electric power is needed.

Operating conditions

- Dried and filtered compressed air (5 µm) at max. 6 bars
- Ambient temperature: -25°C to +70°C.
- Acids and alkaline substances may damage the pneumatic manual valve.

For special operating conditions (temperature, contact with fluids etc.), please contact your service partner to enable your particular application to be studied.

Maintenance

Repairs may be performed only by authorised qualified personnel. Otherwise, the warranty claim will lapse.

To exchange wear parts, please contact your service partner.

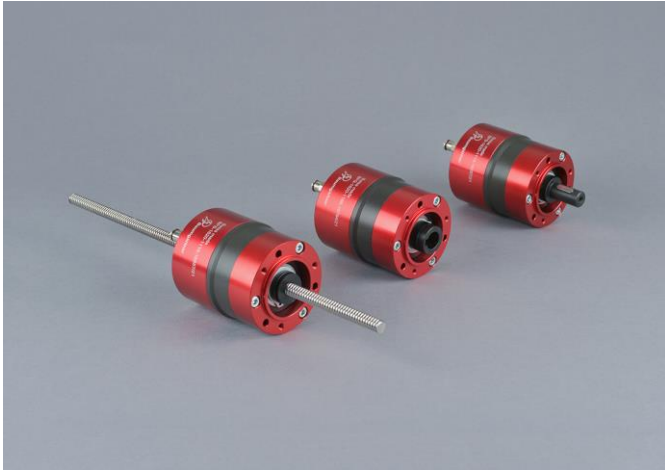
Disposal

The BPS-IP complies with the RoHS guideline. Materials which are no longer in service should be taken for recycling. Disposal of the BPS-IP must comply with local specifications.

Accessories and special versions

Please contact us for special applications. We will be happy to work with you to design a solution.

BPS – Pneumatic Stepping Motor

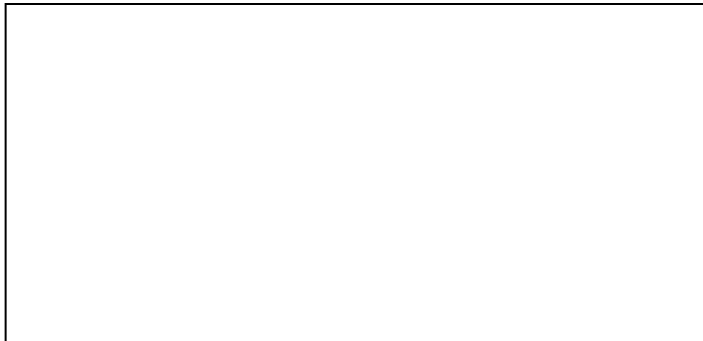


Countless tasks such as positioning, adjustment, clock feed, fine dosing, indexing is very easy to implement with the stepper motor.

Further information about our pneumatic stepping motors is available on the internet:

www.baumitech.ch

Your service partner



Manufacturer

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