

Function

With the accessory kit **PST FKLsi/in** you have a pneumatic cycle control to adjust the frequency of the impacts without using an electronic control like a PLC.

With the **PST FKLsi/in** the pneumatic knocker is able to knock with the frequency adjusted by the user immediately after putting under pressure. Thereby you can choose between three steps of power of impact.

Installation

f. e. with knocker
FKL-150in:



! Important Information !

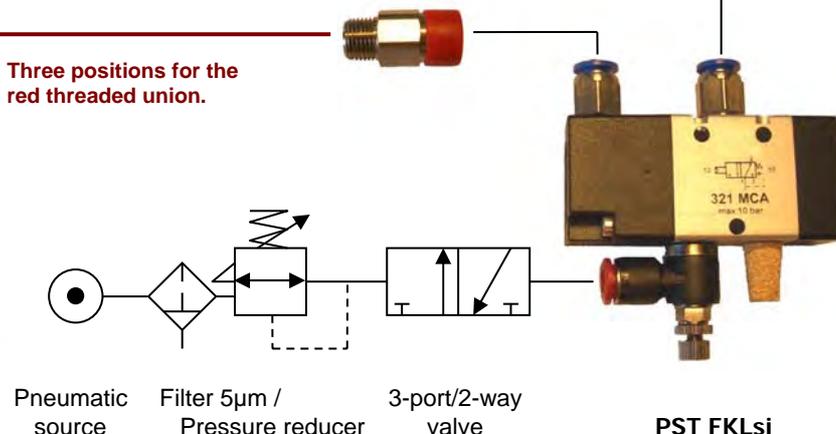
We are unable to accept responsibility whatsoever for damage to property or injury if technical modifications are made to the product or if the information and instructions in this Operating Manual are not followed. Pneumatic vibrators must be installed and operated by an experienced person.

! Risk of injury !

- Compressed-air units, such as vibrators, filters, oilers and the air hoses, may be very highly pressurised. The system must be disconnected from the compressed air supply before such units are installed or serviced. The units must be depressurised.
- Air pressure may produce extremely loud noise. Consequently, all persons in the surrounding area of the pneumatic vibrator must wear ear defenders.
- Comply with national and local regulations and laws governing installation and use of pneumatic systems.

! Noise level !

- The noise level of a non-shielded knocker fitted on a metal panel exceeds 85 dB(A), if only the single noise event is considered. The sustained level is below this, depending on impact sequence. The noise emitted by the device may be attenuated by sheathings or coverings.
- Noise defenders must be worn in the noise area.



Connection

The accessory kit **PST FKLsi/in** should be connected as shown above.

!! Blue threaded unions have to be used for the pneumatic valve - Red threaded union for the knocker !!

First you have to decide which power of impact you would like to use: For a maximum power of impact remove the top 'hexagon socket head cap screw' at the side of the knocker - for a medium power of impact remove the screw in the middle - for a minimal power of impact remove the lower screw.

Slice the included air hose in two parts as required. Connect the two air hoses between knocker and pneumatic valve as shown above.

Connect the throttle-check valve with your pneumatic source. Use clean air >5µm and a 3-port/2-way valve.

Operation

Charge the system with pressure. Adjust the desired frequency by turning the knurled screw of the throttle-check valve. Lock the adjustment with the counter nut. The knocker stops working at the time when shutting down the compressed air supply.

Purchased parts package

- 1 pc. Pneumatic 3-port/2-way valve
- 1 pc. Throttle-check valve
- 2 pcs. Threaded unions (blue) for the valve
- 1 pc. Silencer
- 2 m Air hose
- 1 pc. Threaded unions (red) for the knocker
- 1 pc. this description

Always pay attention to the operating manual of the knockers too!

We reserve the right to improve, modify or withdraw specifications or products without notice or obligation.