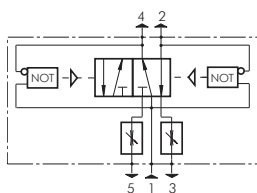


Oscillating valves/counters



Oscillating valves G 1/4" (stroke-controlled)

Temperature range: -10°C to max. +60°C

Operating pressure: 3 - 8 bar

Flow: 1300 l/min

Function: The oscillating valve generates oscillatory actions such as vibrations, tapping or dipping in connection with double acting cylinders. If input 1 is supplied with compressed air, the compressed air is alternately applied to outlets 4 and 2. **The valve switches over as soon as the cylinder travels to the end position or the line pressure rises.** The speed of the controlled cylinder and the stroke frequency are both set using the exhaust air flow controls. Limit switches are not required.

Type	Function	Thread
OS 514	5/2-way	G 1/4"



Dimensions can be found in the item details in our Online Shop

Especially good value!



Oscillating valves G 1/4" (time-controlled)

Temperature range: -10°C to max. +60°C

Operating pressure: 3 - 10 bar

Flow: 1100 l/min

Function: The oscillating valve generates oscillatory actions such as vibrations, tapping or dipping in connection with double acting cylinders. If input 1 is supplied with compressed air, the compressed air is alternately applied to outlets 4 and 2. **The valve switches over into a time-pulse (Forward and return strokes) that can be adjusted using 2 adjustment screws.** The speed of the controlled cylinder must be adjusted separately using the bi-directional flow control valves.

Type	Adjustable cycle time	Function	Thread
OS 514 B	0-15 seconds	5/2-way	G 1/4"

Binary reduction valves/Flip-Flop

Function: The valve switches following every 12 incoming signals (Z) - (Flip-Flop). The last switching position is maintained, even if the working pressure is off.

Signal to pilot entry	Connection 2 (A)	Connection 4 (B)
On	On	Off
Off	On	Off
On	Off	On
Off	Off	On
On	On	Off



Type	Function	Thread	Operating pressure	Control pressure	Signal duration	Temperature range
VLL 5 14	5/2-way	G 1/4" (pilot G 1/8")	2 - 10 bar	3 - 10 bar	Min. 10 ms	0 to +60°C

7



Dimensions can be found in the item details in our Online Shop



Cumulative counters - pneumatic

Function:

- Arriving signals are added.
- At the time of mechanical reset (using the key), the figure 000000 appears.
- Manual reset

Type	Display	Character height	Hose connection	Working pressure
PIZ	6 digit	4 mm	M 5	1.5 - 8 bar



Preset counters - pneumatic

Function:

- The counter subtracts pneumatic signals from a preselected number and on attaining "00000" a pneumatic output signal is emitted.
- Resetting takes place pneumatically or by pressing the cylindrical turning.

Type	Display	Character height	Hose connection	Working pressure
PEZ	5 digit	4 mm	M 5	2 - 8 bar

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.