



# MECHANICAL LEVEL CONTROL

High-performance level control system for air spring insulators combined with

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## SIMPLY PUT

Bilz mechanical-pneumatic level control systems are crucial components for the optimum function of vibration isolation using FAEBI® and FAEBI®-HD rubber or BiAir® membrane air springs. They prevent impermissible deflection of the isolators or inclination of the machine caused by load changes on a machine or an air spring-mounted machine or system.



### MECHANICAL PNEUMATIC LEVEL CONTROL MPN-LCV

[Reset accuracy is  \$\pm 1/10\$  mm](#)

[Learn more →](#)



### MECHANICAL PNEUMATIC LEVEL CONTROL MPN-PVM

[Reset accuracy is  \$\pm 1/100\$  mm](#)

[Learn more →](#)



# GENERAL INFORMATION

- Supplied as a complete set which includes the 3 control valves and all necessary hose lines and connectors. All components are also available individually as spare parts.
- On the LCV variant the air flow can be reduced using the throttle valve should the control system tend to overshoot The PVM variant can also be fitted with a throttle valve as an option
- In addition to the standard solutions listed here we also hold special versions with regard to material, flow, accuracy and restoring force

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## VALVE FUNCTION



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## FUNCTION OF THE MECHANICAL-PNEUMATIC LEVEL CONTROL SYSTEMS



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## DESIGN





## We find solutions

Be it automotive, plant engineering or nanotechnology – we find a solution for every industry or any customer requirement.

→ Discover solutions