# MECHANICAL LEVEL CONTROL

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

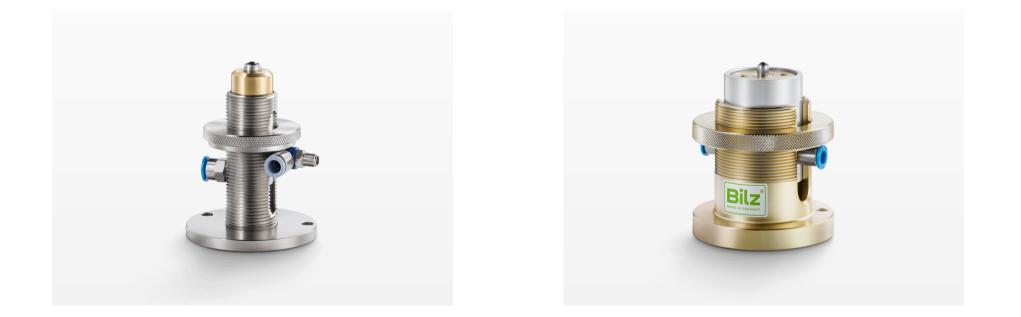
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### **SIMPLY PUT**

Bilz mechanical-pneumatic level control systems are crucial components for the optimum function of vibration isolation using FAEBI<sup>®</sup> and FAEBI<sup>®</sup>-HD rubber or BiAir<sup>®</sup> 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 ± 1/10 mm

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### MECHANICAL PNEUMATIC LEVEL CONTROL MPN-PVM

Reset accuracy is ± 1/100 mm

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#### MECHANICAL PNEUMATIC LEVEL CONTROL

# **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

### **VALVE FUNCTION**

### FUNCTION OF THE MECHANICAL-PNEUMATIC LEVEL CONTROL SYSTEMS

### DESIGN

Mechanical level control systems by Bilz

Mechanical level control systems by Bilz (detail)

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### We find solutions

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

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