



## MPP-03 Micro-Point Pulse-Valve

The high-performance valve  
for a contact-free application  
of viscous media

**MPP-03**

### Highlights / Benefit

- Adjustable dosing volume
- High pulsing frequency up to 200 Hz
- Compact design: can be perfectly integrated into any production line
- Low weight, ideal for high traverse speeds
- Optional realization of a process control in connection with the WALTHER Valve Controller

# Oils, greases, pastes and glues: contact-free application over a distance of up to 150 mm

**MPP-03:** Short switching times,  
high reliability, wide range of use.

The MPP-Pulse Valve was designed for a contact-free application of media (pulse/jet). With this device, you can shoot different media as dots onto a component with great process safety and a clean application image, over a distance of up to 150 [mm]. The technology is not only employed by renowned automobile manufacturers and suppliers all over the world for their production and installation processes, but also in food production and medical technology. Advantage of contact-free application: the application remains repeatable even with large component tolerances. Above that, the medium can be pulsed onto the component without additional traverse movements. With the help of different nozzle types and changes to the standard valve, it is possible to jet in almost any direction. You will be able to precisely wet angled component geometries and undercuts such as pull-out rails in furniture or rails elements in windows. With the high pulse frequency of up to 200 [Hz], it is also possible to perform bead applications.

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QR-Code for  
additional  
product info



## Technical Data

Inlet pressure (medium)  
max. 100 [bar]

Inlet pressure (control air)  
6 [bar]

typ. dosing range  
0,0004 to 1,8 [ml]

Frequency  
max. 200 [Hz]

Dimensions (L x W x H)  
124 x 15 x 58 [mm]

Weight  
440 [g]

## Optional / Accessories



**Valve Controller**  
Valve control



**Needle stroke sensor**  
Process control



**Light barrier**  
Process control



**Pressure sensor**  
Valve pressure monitor



**SAVE**  
Valve needle lock



**Temperature controller**  
Temperature adjustment



**Heating plate**  
Valve heating



**Insulating plate**  
Valve insulation



**Nozzle / extension**  
Application image



**Cleaning kit**  
Valve cleaning