



VMS-02 Full-Jet Valve

The compact
outlet valve for precise
application quantities

VMS-02

Highlights / Benefit

- Adjustable flow speed
- Compact design: can be perfectly integrated into any production line
- Low weight, ideal for high traversing speeds
- Optional realization of a process control in connection with the WALTHER Valve Controller

Our compact full-jet solution for precisely reproducible application quantities

Sealing compounds, glues and oils: precise application with up to 20 tacts per second.

With a Full-Jet Valve of the VMS-02 series, you will refer to a robust and very fast switching, pneumatically controlled application valve which is suitable for the continuous or intermitting application of different media and a broad range of viscosity, in particular for sealing compounds, glues and oils. Users appreciate the high precision and excellent repeatability of the applied quantity; they also select the VMS-02 Full-Jet Valves due to their low weight and compact design. They are ideal for high traversing speeds and integration in machines or robots with only little space for installation. Valves of the VMS-02 series were designed for material pressures up to 100 bar and with the directly flanged 5/2-way valve, they can reach up to 20 tacts per second under the respective operating conditions. A full jet discharges the material. Heating plates, a sensor for the valve status, different nozzles and needles as well as multiple adapted nozzle extensions are available for this versatile application valve and offer additional flexibility.

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additional
product info



Technical Data

Inlet pressure (control air)
min. 6 [bar]

Inlet pressure (medium)
max. 100 [bar]

Weight
375 [g]

Dimensions (L x W x H)
LV-version 162 x 15 x 82 [mm]

Optional / Accessories



Valve-Controller
Valve control



Needle stroke sensor
Process control



Pressure sensor
Valve pressure monitor



SAVE
Valve needle lock



Temperature controller
Temperature adjustment



Heating plate
Valve heating



Insulating plate
Valve insulation



LuerLock dosing tip
Application image



Tool set
Valve maintenance



Cleaning kit
Valve cleaning