



# OUTLET VALVE AV25

DP-D-010-000042



## APPLICATION

The AV25 outlet valve is suitable for applying low to high viscosity media.

## DESCRIPTION

The valve consists of two structurally separate parts. This design prevents uncontrolled leakage of the medium into the pneumatic cylinder and thus prevents interference with the valve needle.

The size of the opening cross-section is regulated by the stroke adjustment of the valve needle. Sealing of the valve needle against the valve head space is provided by the nozzle seat set.

## ADVANTAGES

- ▶ Small material rooms
- ▶ High opening and closing force
- ▶ Pneumatic double control
- ▶ Easily replaceable seal package as well as nozzle seat set
- ▶ Exchangeable pneumatic cylinder

## TECHNICAL DATA

<b>Length x width x height</b>	150 x 41 x 41 mm
<b>Weight</b>	650 g
<b>Pneumatic operating pressure</b>	
<b>Pressure</b>	4.5–10 bar
<b>Quality compressed air</b>	dried, filtered, oil-free
<b>Pneumatic connections</b>	M5 female thread
<b>Product features</b>	
<b>Clear width LW</b>	2.5
<b>Material input pressure</b>	0.5–30 bar
<b>Material outlet pressure</b>	0.5–30 bar
<b>Material connection input/output</b>	G 1/8" female thread
<b>Permissible media</b>	oils and greases NLGI class 0–3



## ACCESSORIES OUTLET VALVE AV25



### STROKE MONITORING P

DP-D-010-000020

Cylinder switch with reed contact for sensing the dosing and loading position.



### STROKE MONITORING K

DP-D-010-000043

Switch with inductive sensor BES00HF for sensing the dosing and loading position.



### NOZZLE SEAT SET

DP-D-010-000044

Complete package incl. sleeve with seal set and dosing needle.



### HANDLE

DP-K-002-000020 // pneumatic  
DP-K-002-000021 // electric

Handle for dosing valves for manual application.  
Available in electric and pneumatic versions.

### PLASTIC HOSE

DP-D-002-000030 // Outer diameter 2.5 mm  
DP-D-002-000031 // Outer diameter 4 mm

Pressure-resistant plastic hose for dosing valves.  
Connection 1: 1/8"  
Connection 2: 1/8" or M6x0,57 (e.g. for dosing head)  
Length approx. 0.2 m.