



## VN6 1K

### Needle valve round bead

Applikator

## Functional description

The application of one-component materials is carried out via the applicator. The material flow is controlled with the help of a needle valve, which is moved by means of pneumatic pressure to open or close the application nozzle. This allows precise control of the material application. The applicator is flange-fitted, which allows its flexible placement to suit process requirements: individually, directly on the dosing unit, on a robot or on a fixed unit (application tower).

## Product characteristics

- ✓ Last component in the actual application process
- ✓ Stationary or robot-guided application
- ✓ Application of one-component materials
- ✓ Application of round beads
- ✓ Needle valve



## General technical data

### Unheated

Dimensions (WxDxH)	
Nozzle stock 80 mm	76,2 mm x 67,4 mm x 201,4 mm
Nozzle stock 125 mm	76,2 mm x 67,4 mm x 232 mm
Mass	0,6 kg
Operating voltage	-
Frequency	-
Power nozzle stock heating	-
Max. temperature	-
Application pressure	100 bar
Max. pressure	250 bar
Air supply	6 bar
Material connection	Flange; G1/8"
Air connection (pneumatic)	Hose diameter: 6 mm; Thread: M5
Housing material	AL, optional SS
Valve type	Needle valve
Nozzle diameter	0,5 - 2,5 mm

### Heated

Dimensions (WxDxH)	
Nozzle stock 80 mm	76,2 mm x 67,4 mm x 192 mm
Nozzle stock 125 mm	76,2 mm x 67,4 mm x 232 mm
Mass	0,7 kg
Operating voltage	230 V
Frequency	50 Hz
Power nozzle stock heating	200 W
Max. temperature	100 Grad
Application pressure	100 bar
Max. pressure	250 bar
Air supply	6 bar
Material connection	Flange; G1/8"
Air connection (pneumatic)	Hose diameter 6 mm; Thread: M5
Housing material	AL, optional VA
Valve type	Needle valve
Nozzles diameter	0,5 - 2,5 mm

## Ambient conditions / ambient temperature

### Unheated

Storage and transport	0 - 75 °C
Operation	15 - 75 °C

### Heated

Storage and transport	0 - 100 °C
Operation	15 - 100 °C

## Applicable materials

PVC and other sealants

Silicones

Epoxy resins

Acrylates

## Options and functional extensions

Heating of the applicators

Variable configuration of nozzle length

Variable configuration of nozzle diameter

Stationary or robot-guided

Extendable to a 2C-system

Optional version in stainless steel

