



# EXTRUSION VALVE EV50

DP-K-003-000019



## APPLICATION

Depending on the nozzle size, the extrusion valve is used for the non-contact application of media with different viscosities, such as sealants, adhesives, greases and oils, and is suitable for both pulsating and continuous application.

## DESCRIPTION

The EV50 extrusion valve is an electro-pneumatically controlled applicator.

The spraying process is generated by the control air and the material feed pressure and can be carried out either as an intermittent or continuous process.

It is controlled via the 5/2-way solenoid valve integrated in the body.

The valve is available with both a short nozzle (KV) and a long nozzle (LV).

Optionally with raster regulation including needle monitoring (function monitoring of the needle).

## ADVANTAGES

Short paths within the entire air supply range and the fast-switching solenoid valve allow up to 200 switching cycles per second.

The grid regulation enables the material quantity to be set easily.

## TECHNICAL DATA

Weight	approx. 400 g
Length x width x height	143 x 58 x 15 mm (LV nozzle); 125 x 58 x 15 mm (KV nozzle)
Material pressure	max. 100 bar with control air (closing air); max. 30 bar without control air (closing air)
Control air pressure	min. 6 bar
Intermittents	up to 200 cycles per second
Main body	stainless steel or brass, chemically nickel-plated
Nozzle	stainless steel
Needle	hard metal
Seals	Viton (other materials on request)