



EVD 1.2

Electronic Volumetric Dosing System

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Elektrovolumendosierer

Functional description

The EVD dosing unit guarantees a precisely defined application of the used material. For the application job, the dosing chamber gets filled with material. The material is then pressed in the direction of the material outlet.

Product characteristics

- ✓ High speed reaction
- ✓ Simple assembly and disassembly
- ✓ Extendable to a 2C-application system
- ✓ Available as a fully heated system
- ✓ Independent of viscosity variation
- ✓ High lifetime with low maintenance costs
- ✓ Programmable purge and maintenance intervals
- ✓ Easy to maintain due to separate material and drive chamber
- ✓ Precise dosing with a repeat accuracy above 99 %
- ✓ Detailed visualization with control function (output of material, filling level, temperature, pressure, torques, maintenance rate / counter etc.)
- ✓ Dependent regulation of the superior system (e.g. robot), with the possibility of offset or tolerance parameters adjustable via the main control unit



General technical data

Dimensions (WxDxH)	105 mm x 189 mm x 470 mm
Mass	ca. 3,2 kg
Operating voltage	24 V DC
Rated current	3,6 A
Power	150 W
Max. temperature	120 °C
Air supply	5-6 bar
Max. application pressure	200 bar
Max. flow rate	0,5 cm ³ /s
Net volume	1,1 cm ³
Rated speed rpm	3000 U/min
Rated torque	0,5 Nm
Housing material	SS/AL
Material connection	project specific

Applicable materials

PVC and other sealants

Fats and lubricants

Pasty coating materials

Sealing materials

Silicones and urethanes

Epoxy resins and acrylates

Potting compounds

Anaerobic adhesives

Solder pastes

Colours, varnishes, colour pastes

Additives

Suspensions and emulsions

Processible product characteristics

Low to medium viscosity

Highly filled

Abrasive

Shear sensitive

Aggressive

