

1C-PUR Adhesive Applicator ECOPUR K



Areas of application

Dosing unit for the automatic supply of all types of finger joint installations and juncture gluing installations with single component PUR adhesive

The moisture hardening single component PUR adhesive is processed directly from the drum under complete absence of air. Therefore the drum is placed above and closed to the OEST equipment



Technical features

Suitable container supply or cask supply point with silica gel filter

Intermediate buffer for changing the container with supply monitoring

Specified for one-sided or double-sided gluing, depending on requirement

One or more frequency-regulated dosing pumps for precise dosing of adhesive

Pressure control in the adhesive line

Complete line material up to the spreading heads

Low-maintenance material valves on the spreading heads

Control cabinet with Siemens S7 controller

OP 7 operator panel in separate terminal box with all control elements, for installation at a suitable point

Four-line text display for all operating situations and fault signals and for the input of all digital nominal values

Explanatory texts for operator guidance

Exact dosing via adjustable parameters (application volume, lamina width, finger joint profile and feed rate)

Monitoring of the dosing quantity per workpiece (lamina or pack)

Consumption meter and counter with warning limit to ensure the container is changed in time

Optimization program for setting the connection and disconnection points without excess adhesive

Approved by the FMFA

Accessories

Depending on application case, a series of accessories is available, inter alia

Adhesive spreading with suitable spreading heads and mounting brackets

Control elements for regulating the gluing

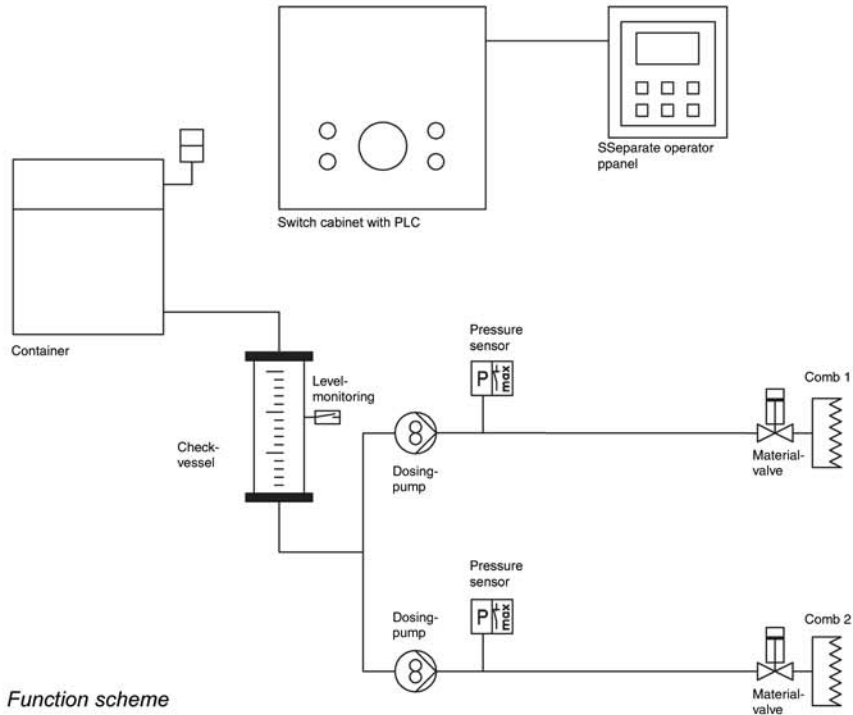
A complete package for the conversion of existing installations is available in combination with the spreading heads

Material supply systems for the flexible installation of the drums or for the simultaneous supply of several installations

Networking via bus systems with other controllers and host computers

Additional equipment for feed rate > 15 m/min

Special solutions



Material valve



Spreading Comb



Operator Panel

Technical Data

Adhesive	single component PUR adhesive without abrasive extenders max. viscosity 10.000 mPa s
Adhesive spreading	150 - 250 g/ m ² per juncture
Gluing feed	5 - 15 m/min > 15 m/min with special equipment
Throughput quantity	1-15 kg/min, depending on construction
Electrical data	230 V AC / 50 Hz; 2 kW



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