



ESP 80

ESP dispenser system

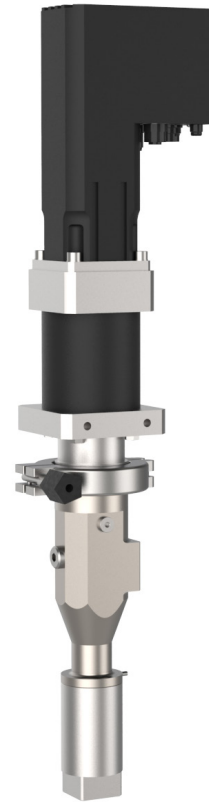
Dispenser ESP

Functional description

The dispenser system enables a gentle and pulsation-free flow of the material independent of viscosity fluctuations in variable directions. The precise dosing with a repeatability above 99 % prevents material accumulations when starting and stopping. There is no dripping or stringing due to a controllable pullback. The speed control is electronic. A digital interface, field bus or dosing control with a comfortable visualization controls the dispenser.

Product characteristics

- ✓ Valveless, volumetric conveying
- ✓ Simple assembly and disassembly
- ✓ No dripping or stringing due to controllable repeatability
- ✓ Endless dosing - no filling of the piston necessary
- ✓ Variable flow directions (use for conveying and dosing)
- ✓ Suitable for processes such as cleaning, priming, sealing
- ✓ Precise dosing with a repeatability above 99 %
- ✓ Gentle and low-pulsation flow
- ✓ Point and bead dosing without material accumulations when starting and stopping
- ✓ Long service life and low maintenance costs
- ✓ Stainless steel finish, heating (optional)



General technical data

Dimensions (WxDxH)	123 mm x 83 mm x 481 mm
Mass	4,5 kg
Operating voltage	230 V AC
Power	400 W
Max. temperature	70 °C
Inlet pressure	4,5 - 8 bar
Application pressure	max. 20 bar
Flow constant	0,4 ml/r
Min. flow rate	0,4 ml/min
Max. flow rate	80 ml/min
Rated speed	3000 rpm
Rated torque	1,28 Nm
Material connection	G 1/2" (Inlet), G 1/4" (Outlet)
Housing material	SS

Conveyable 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
